FIG. 1.

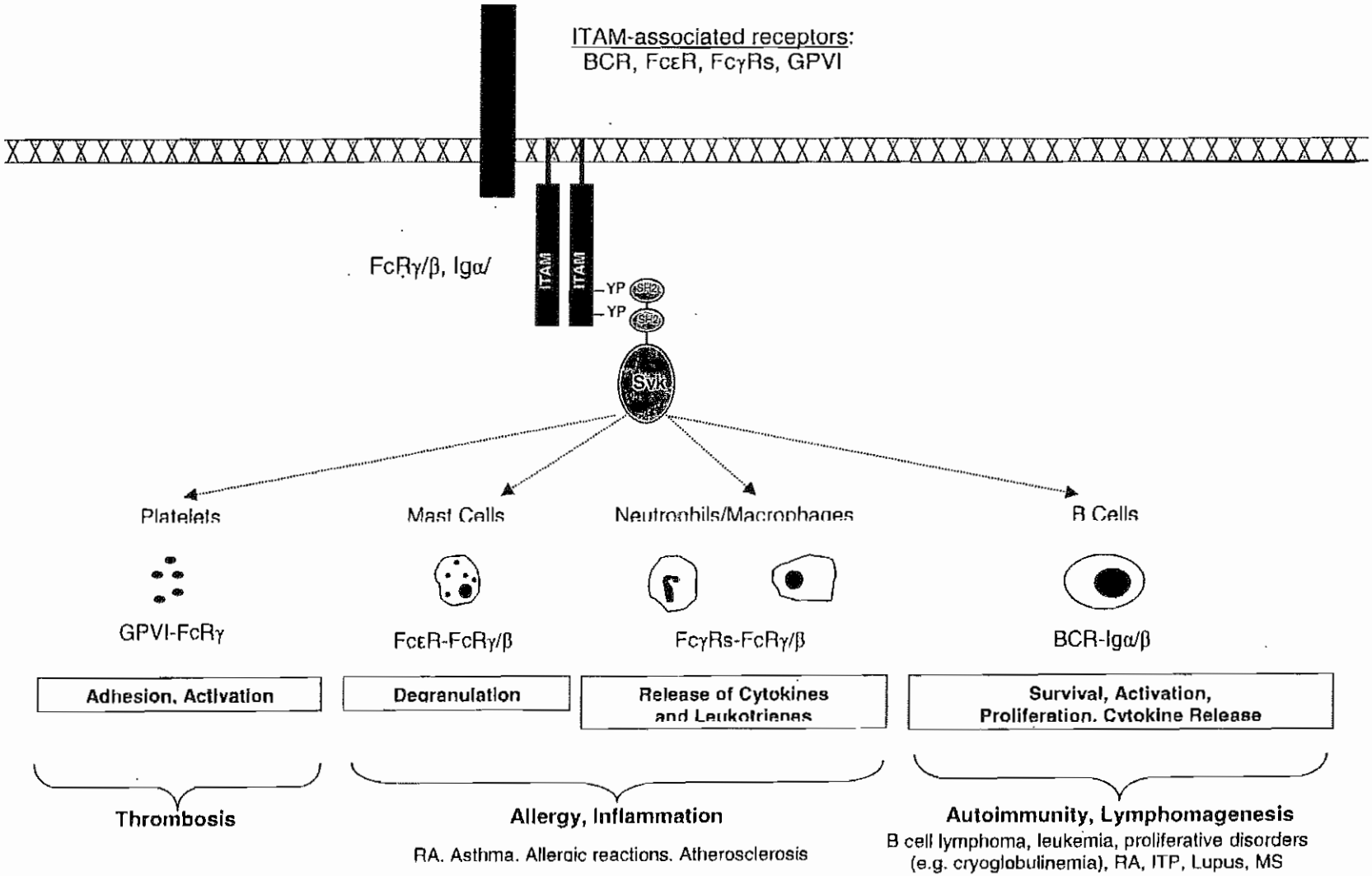
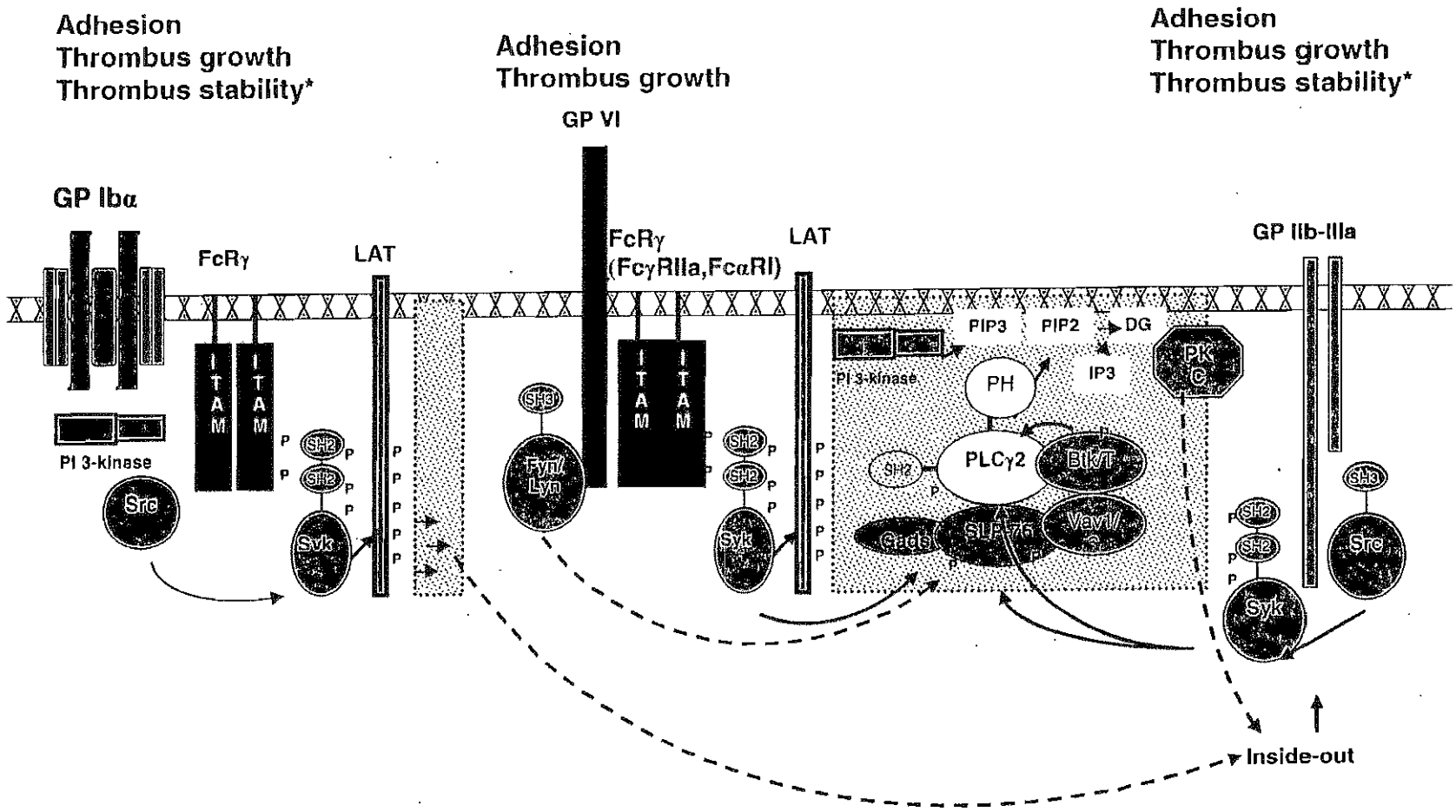

ITAM-associated receptors:
BCR, FcεR, FcγRs, GPVI
FcRγ/β, Igα/
ITAM
ITAM
YP
YP
SH2
SH2
Syk
Platelets
Mast Cells
Neutrophils/Macrophages
B Cells
GPVI-FcRγ
FcεR-FcRγ/β
FcγRs-FcRγ/β
BCR-Igα/β
Adhesion, Activation
Degranulation
Release of Cytokines and Leukotrienes
Survival, Activation, Proliferation, Cytokine Release
Thrombosis
Allergy, Inflammation
RA, Asthma, Allergic reactions, Atherosclerosis
Autoimmunity, Lymphomagenesis
B cell lymphoma, leukemia, proliferative disorders (e.g. cryoglobulinemia), RA, ITP, Lupus, MS

FIG. 2



*Syk downstream of $P2Y_{12}$ engagement by ADP as well

FIG. 3

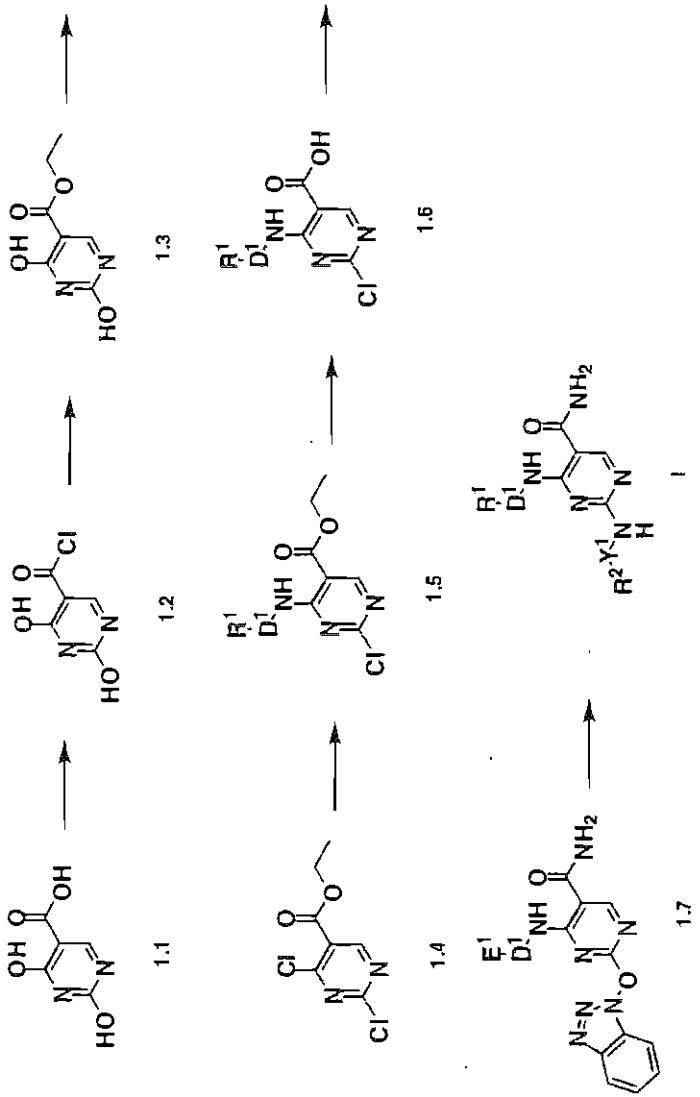
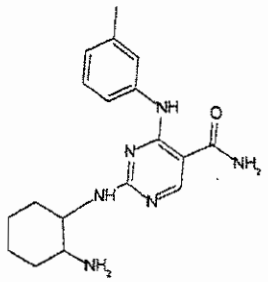
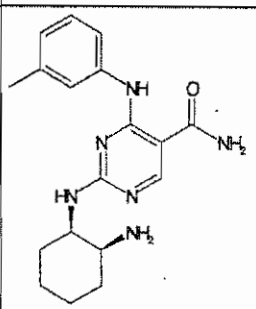
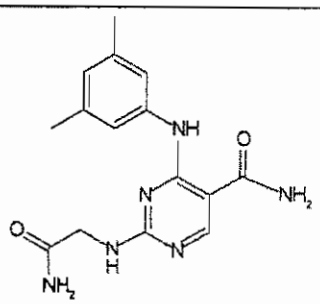
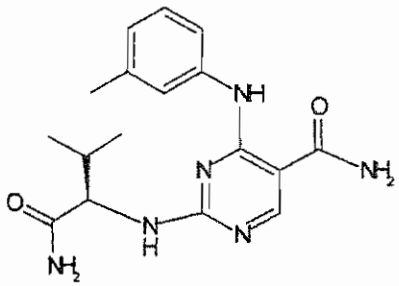
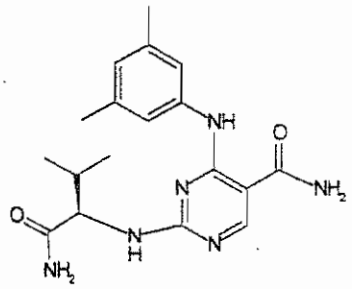
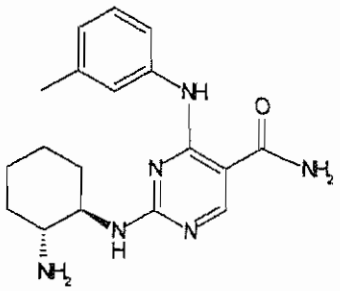
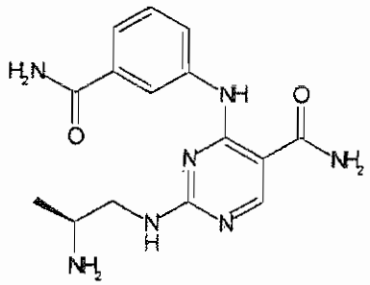
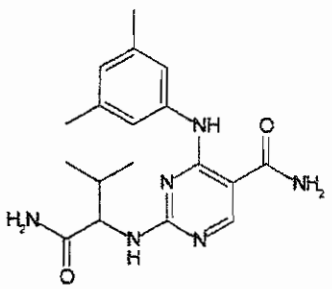
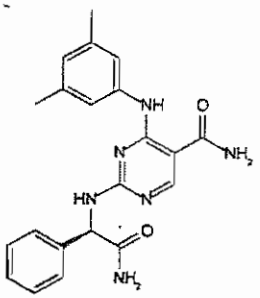
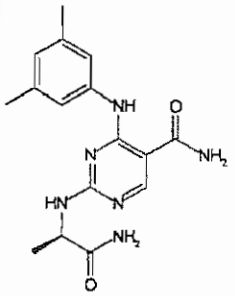
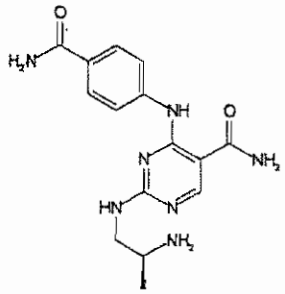
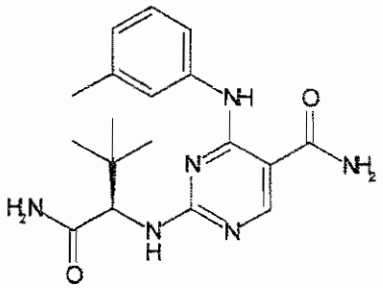
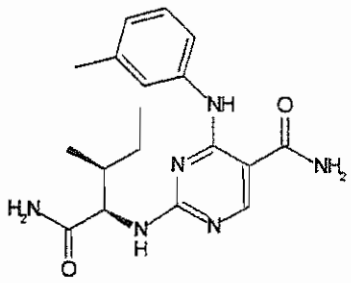
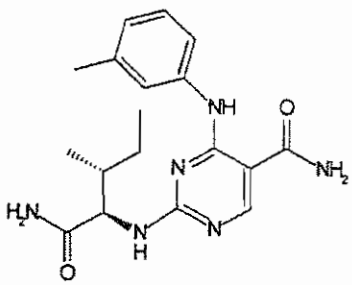
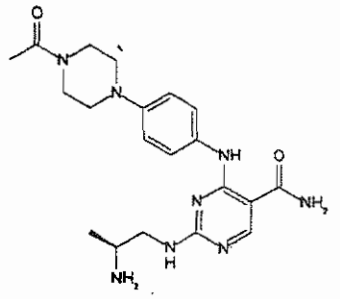
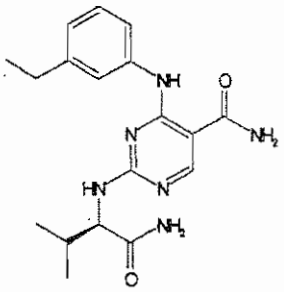
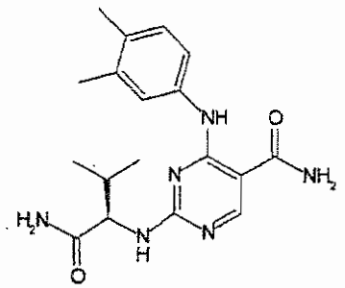
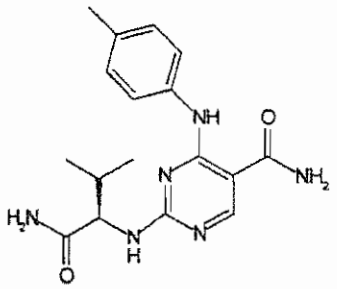
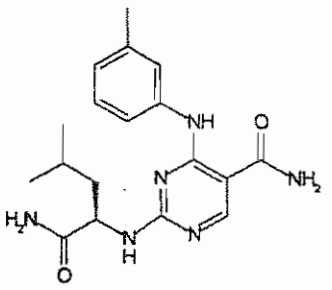


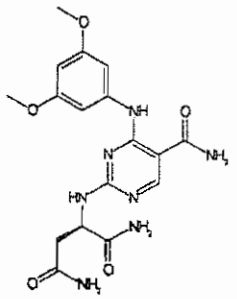
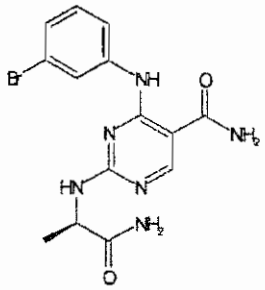
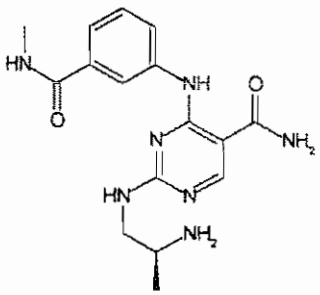
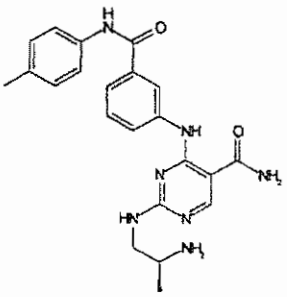
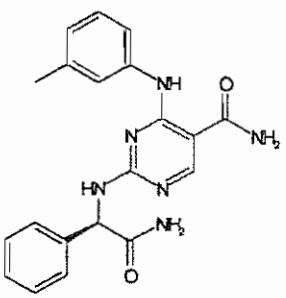
FIG. 4A

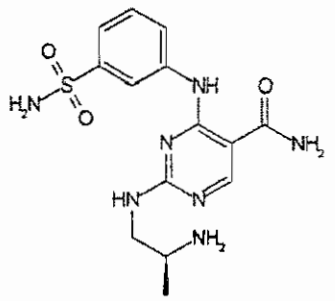
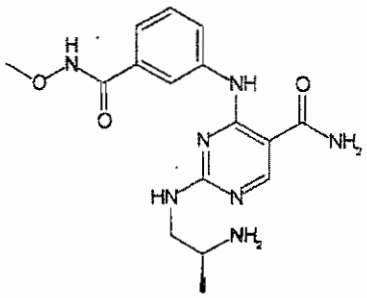
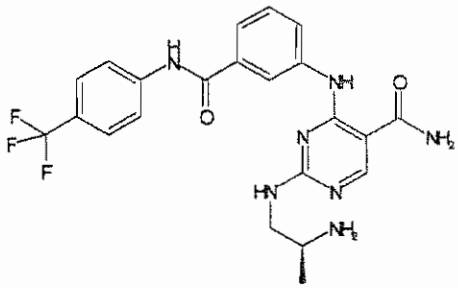
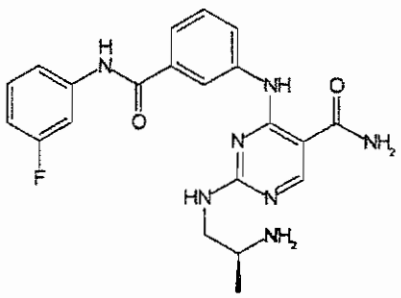
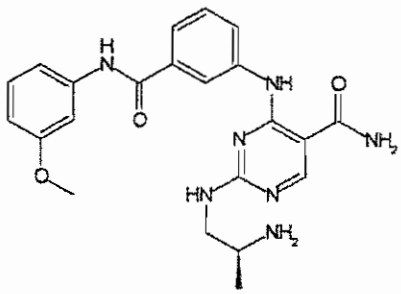
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
700		340.43	MS: consistent with the structure		++++
701		340.43	341		++++
702		314.35			++
703		342.4			++

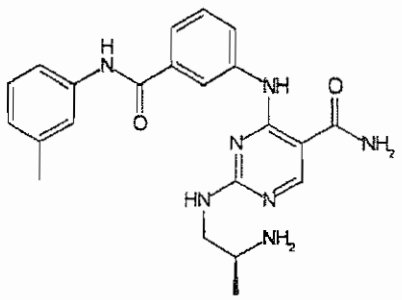
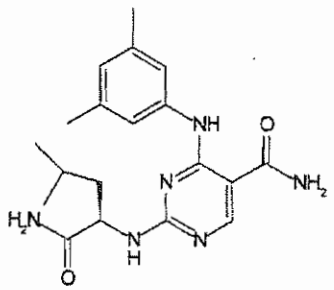
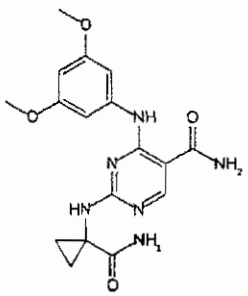
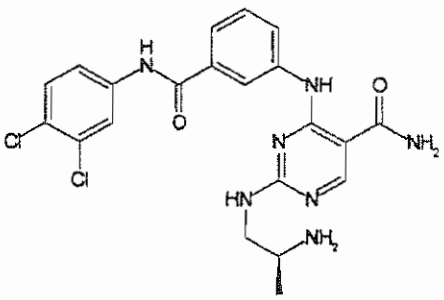
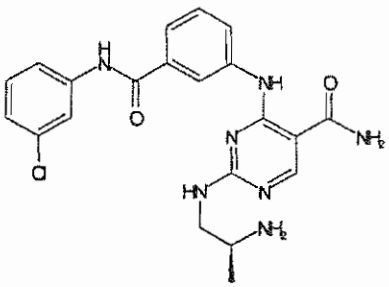
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
704		356.43	ES(+) MS [M+H]=357 MS+ 357 Turbo Spray MS [M+1]=357	202.9, 244.9, 295.2	+++
705		340.43			++
706		329.36	Turbo Spray MS [M+1]=330		++
707		356.43	ES(+) MS [M+H]=357		++
708		390.45	Turbo Spray Mass Spec [M+1]=390	202.2, 244.3, 292.0	+++

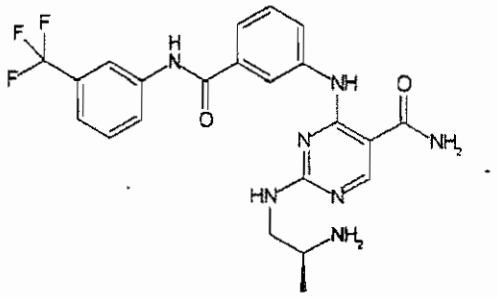
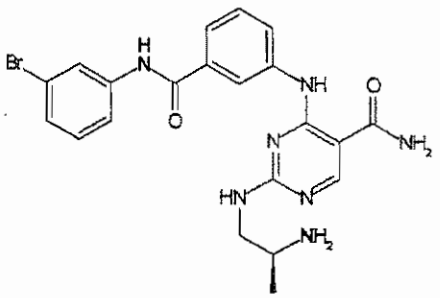
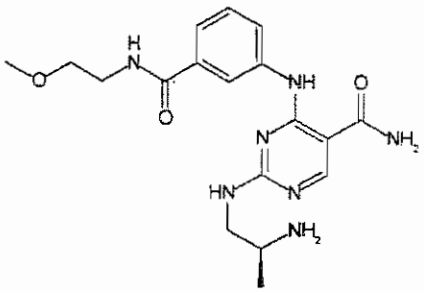
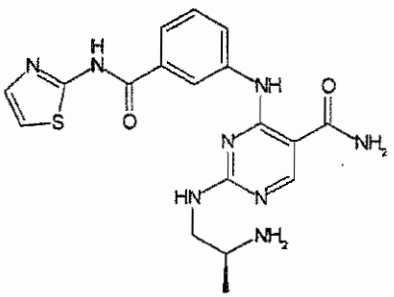
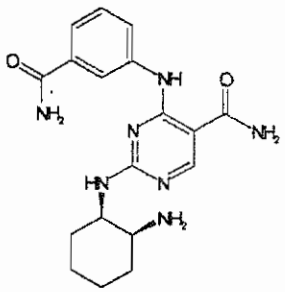
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
709		328.38	ES (+) MS [M+1]=329 Turbo Spray MS [M+1]=329		+++
710		329.36	ES(+) MS [M+1]=330		+
711		356.43	M+1= 357		+
712		356.43	M+1=357		+
713		356.43	M+1=357		+

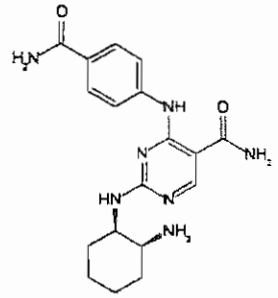
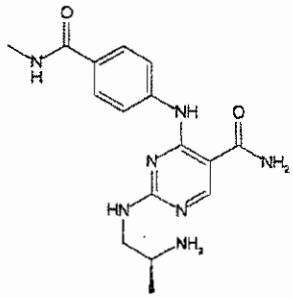
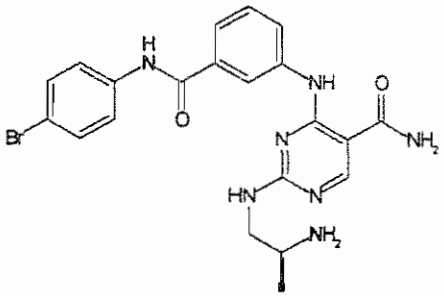
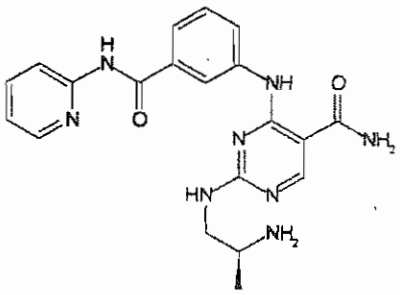
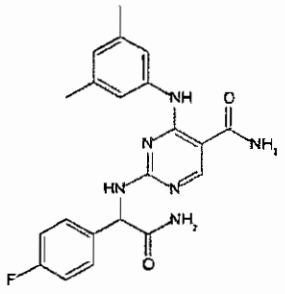
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
714		412.5	413.3		+
715		356.43	Turbo Spray Mas Sped [M+1]=356	243.7, 244.0	+
716		356.43	M+1 =357		+
717		342.4	M+1= 343		+
718		356.43	m+1 = 357		+++

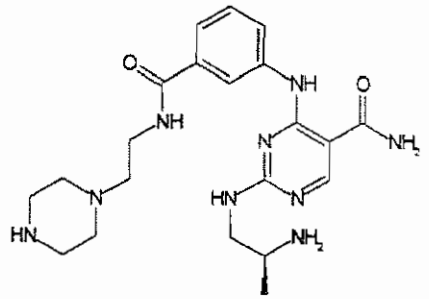
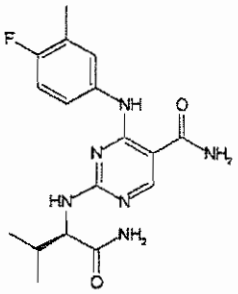
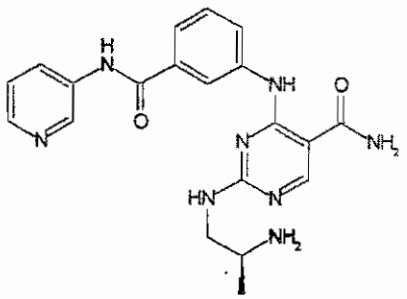
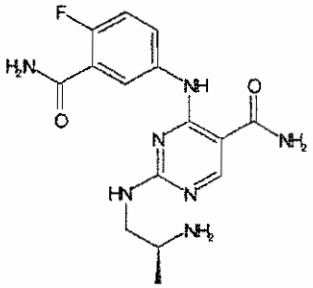
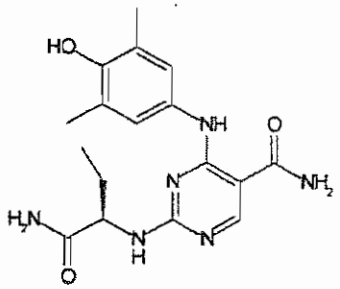
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
719		403.4	Turbo Spray MS [M+1]=404	205.9, 235.1, 292.8	+
720		379.22	Turbo Spray MS [M]=379, Bromine patteren	241.8, 288.5	+
721		343.39	Turbo Spray MS [M+1]=344	239.9, 284.8	+
722		419.49	Turbo Spray MS [M+1]=420	205.3, 243.1, 276.8	+
723		376.42	Turbo Spray MS [M+1]=377	210.7, 240.0, 292.8	+

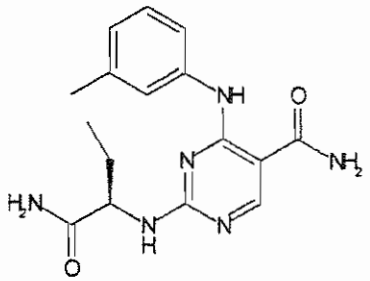
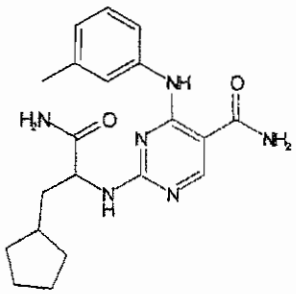
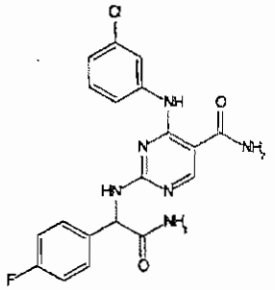
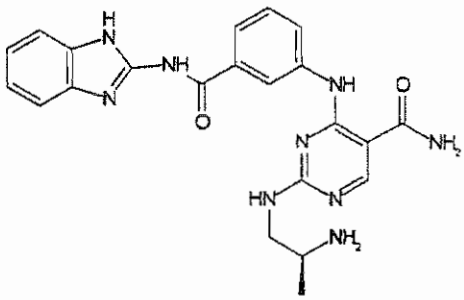
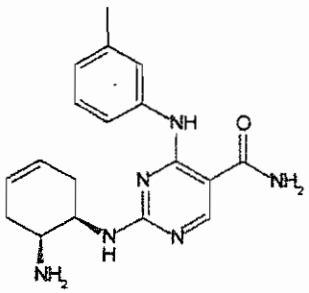
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
724		365.42	Turbo Spray MS [M+1]=366	202.9, 239.4, 283.5	+
725		359.39	Turbo Spray MS [M+1]=360	202.9, 246.1	+
726		473.46	Turbo Spray MS [M+1]=474	205.9, 244.9, 276.8	+
727		423.45	Turbo Spray MS [M+1]=424	204.1, 249.9,	+++
728		435.49	Turbo Spray MS [M+1]=436	200.4, 241.8, 282.9	+

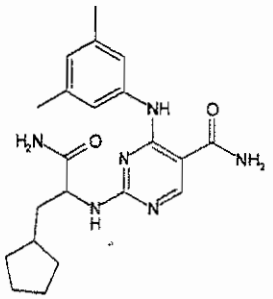
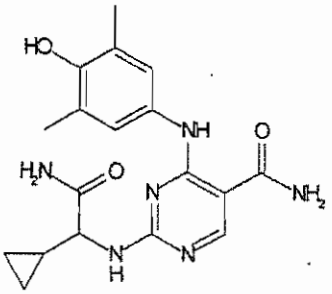
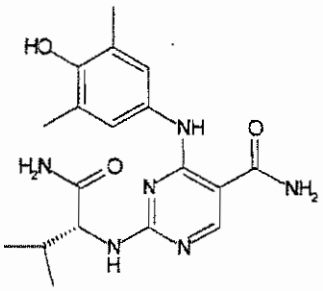
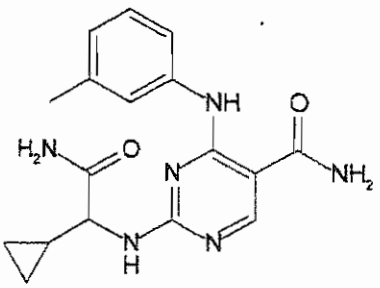
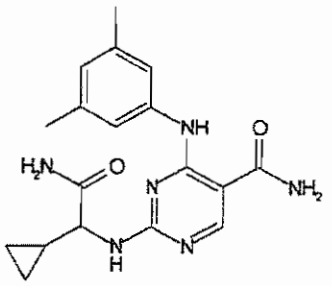
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
729		419.49	Turbo Spray MS [M+1]=420	201.0, 241.2, 280.5	+
730		370.46	m+1= 371		+++
731		372.39	ES (+) MS [M+H]=373 Turbo Spray MS [M+1]=373		+++
732		474.35	Turbo Spray MS [M+1]=473.9	201.0, 243.1, 279.2	+
733		439.91	Turbo Spray MS [M+1]=441	233.9, 248.6, 300.2	+

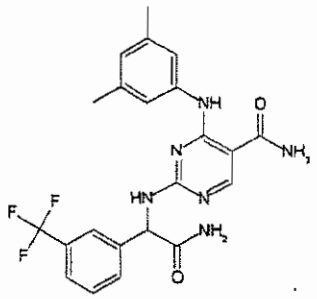
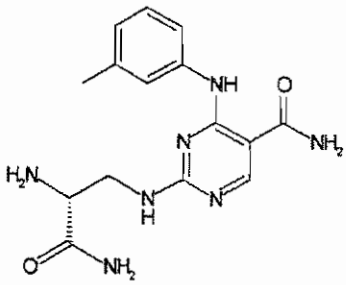
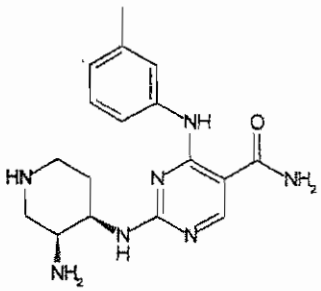
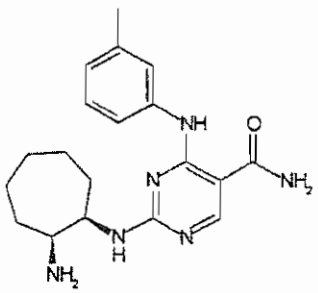
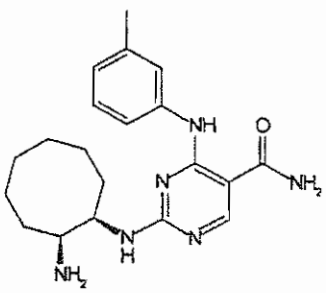
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
734		473.46	Turbo Spray MS [M+1]=474	201.6, 243.1	+
735		484.36	Turbo Spray MS [M]=484, Br		+
736		387.44	ES (+) MS [M+1]=388		+
737		412.48	ES (+) MS [M+1]=413 ES(+) MS [M+1]=413		+++
738		369.43	ES(+) MS [M+1]=370	202.5, 241.4	+++

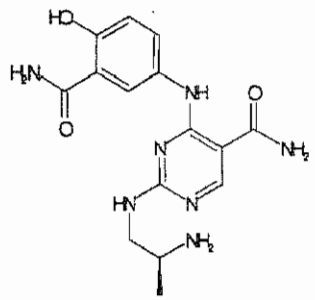
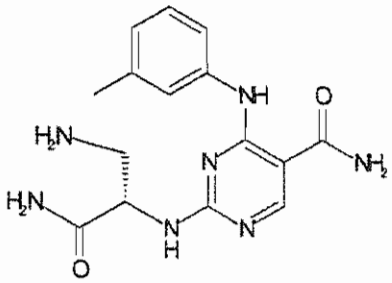
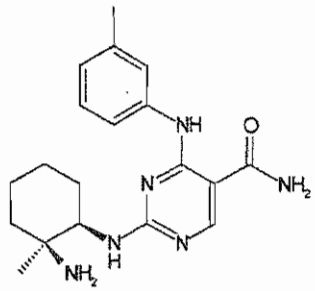
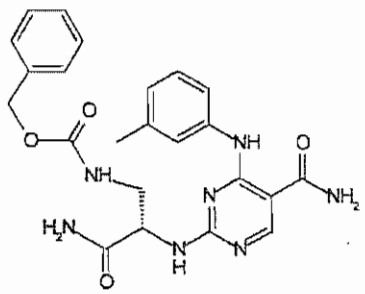
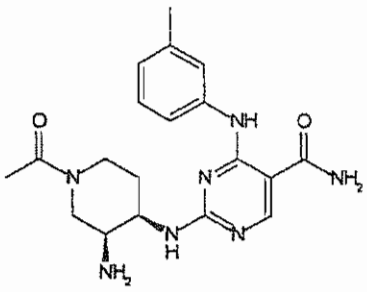
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
739		369.43	ES(+) MS [M+1]=670	213.2, 246.2, 303.0	+++
740		343.39	ES(+) MS [M+1]=344	212.0, 239.1, 301.8	+
741		484.36	Turbo Spray MS [M+1]=484 (1 Bromine)	202.2, 244.9, 276.8	+
742		406.45	Turbo Spray MS [M+1]=407	244.9, 300.2	+
743		408.44	Trubo Spray MS [M+1]=409	201.6, 241.8, 294.0	+

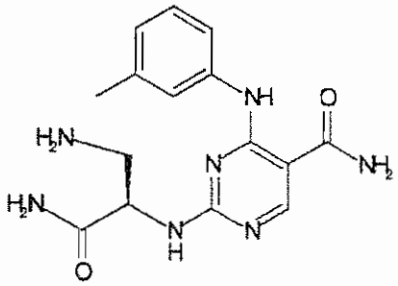
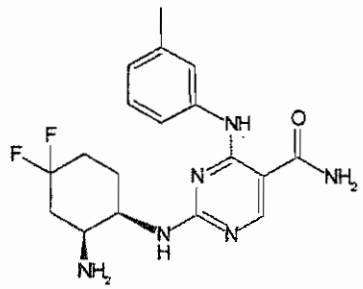
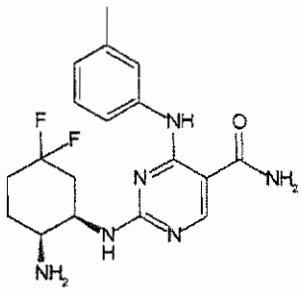
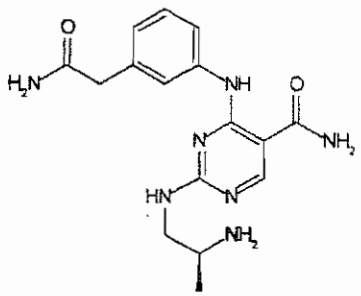
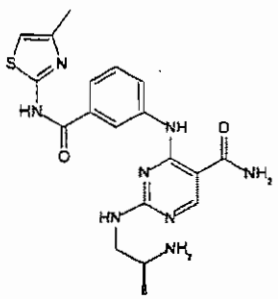
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
744		441.54	Turbo Spray MS [M+1]=442	239.4, 284.1	+
745		360.39	Turbo Spray MS [M+1]=361	243.2	+
746		406.45	Turbo Spray MS [M+1]=407		+
747		347.35	Turbo Spray MS [M+1]=348	237.6, 282.9	+
748		358.4	M+1 = 359		+++

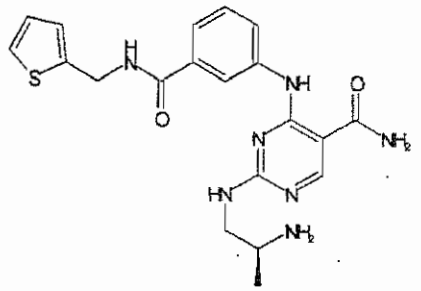
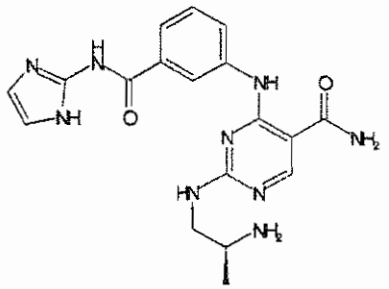
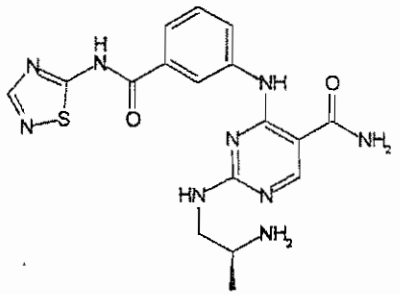
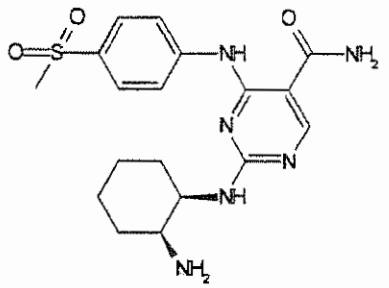
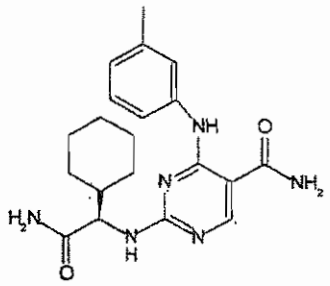
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
749		328.38	M+1 = 383		+
750		382.47	M+1 = 383		+
751		414.83	M + H = 414.9	200.4, 244.3	+
752		445.49	M + H = 446		+
753		338.42	339.2 (M+1)		++++

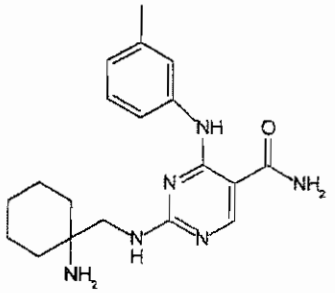
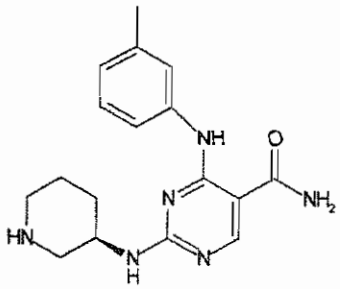
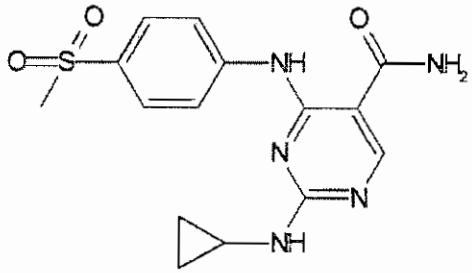
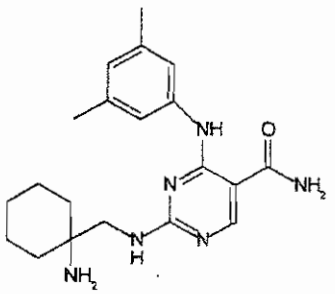
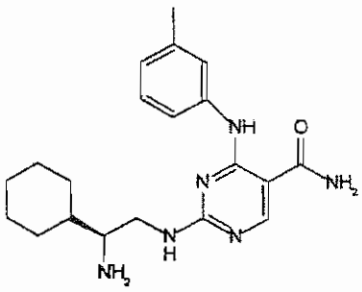
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
754		396.5	M+1 = 397		+
755		370.41	M+! = 371		+++
756		372.43	M+1 = 373		+
757		340.39	M+! = 341		+
758		354.41	M+! = 355		+

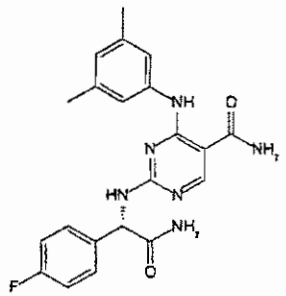
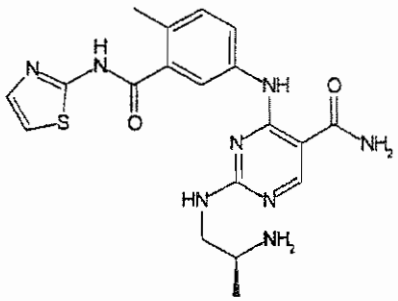
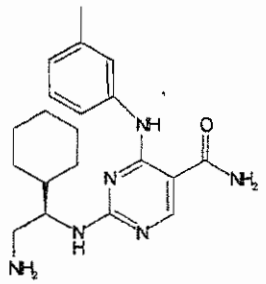
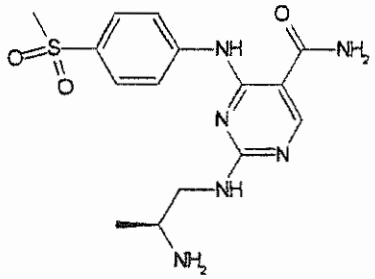
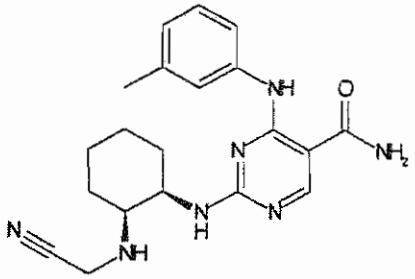
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
759		458.44	Turbo Spray MS [M+1]=459	202.5, 241.8, 294.0	+
760		329.36	MS: 330.2 (M + H)		+
761		341.42	342.1 (M+1) 342.2 (M+1)		+++
762		354.46	355.2 (M+1)		++++
763		368.49	369.2 (M+1)		++++

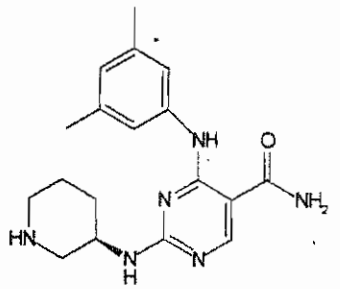
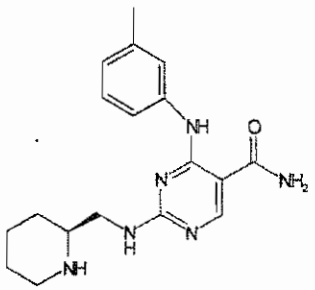
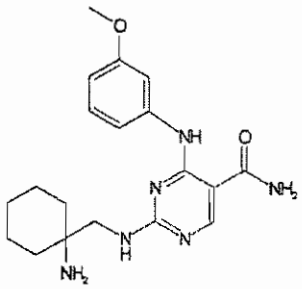
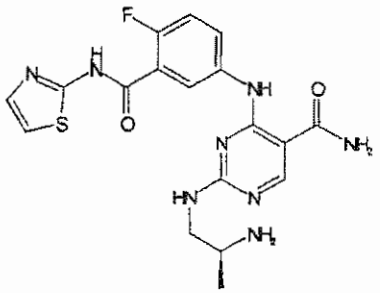
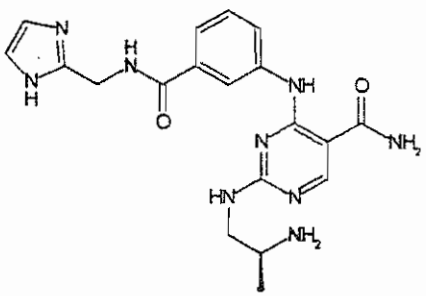
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
764		345.36	Turbo Spray MS [M+1]=346	204.7, 238.8, 295.8	+
765		329.36	MS: 330.1 (M + H)		+
766		354.46	355.2 (M+1)		+++
767		463.5	MS: 464.1 (M + H)		+
768		383.46	384.2 (M+1)		+++

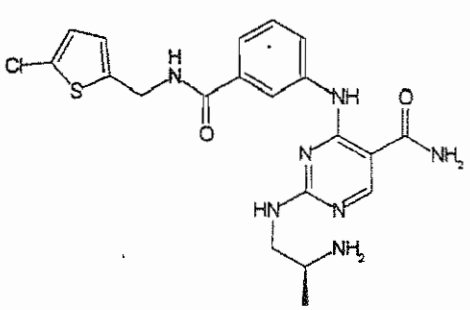
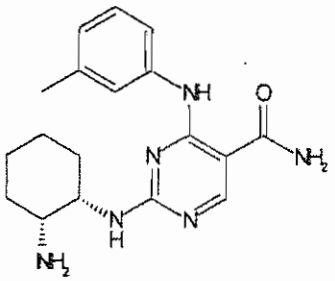
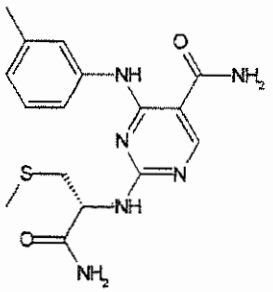
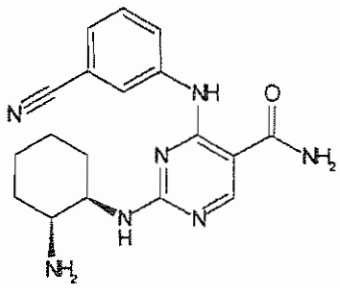
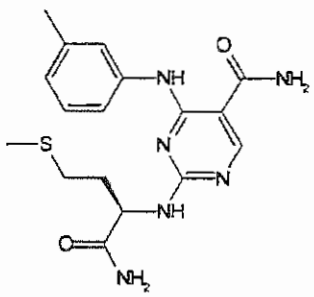
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
769		329.36	MS: 330.1 (M + H)		+
770		376.41	377.1 (M+1)		+
771		376.41	377.1 (M+1)		++++
772		343.39	Turbo Spray MS [M+1]=344	237.6, 257.7, 273.6, 303.9	+
773		426.5	Turbo Spray MS [M+1]=427		+

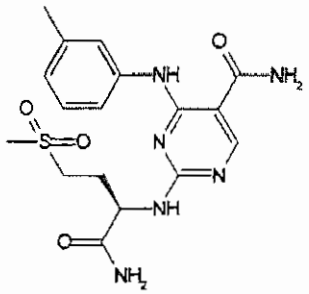
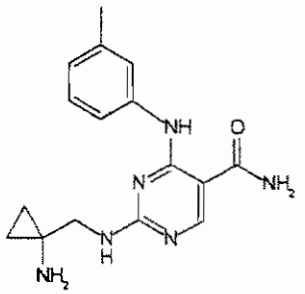
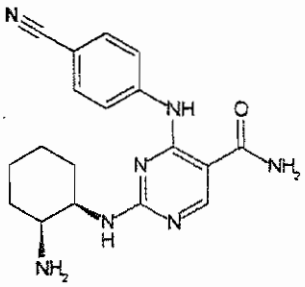
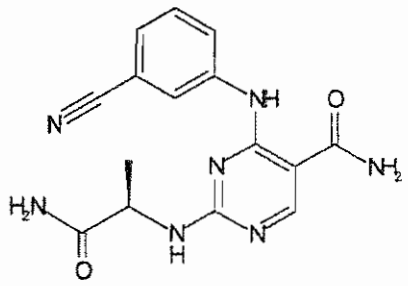
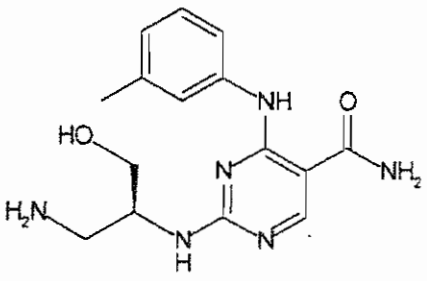
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
774		425.52	Turbo Spray MS [M+1]=426	238.8, 285.4	+
775		395.43	Turbo Spray MS [M+1]=396	245.5	+
776		413.46	Turbo Spray MS [M+1]=414		+
777		404.49	405.1		+
778		382.47	383.2 (M+1)		+

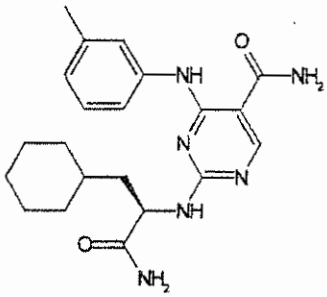
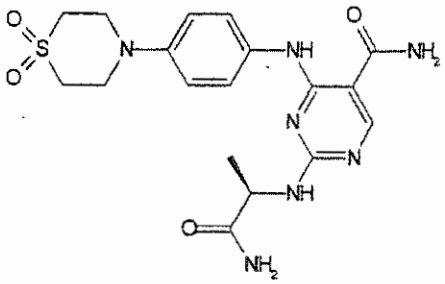
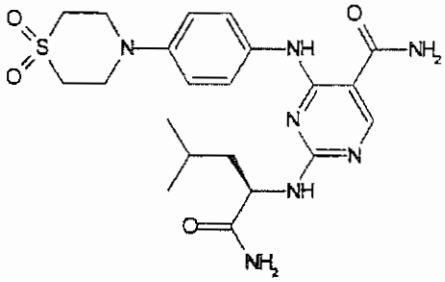
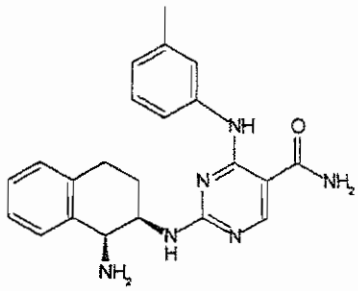
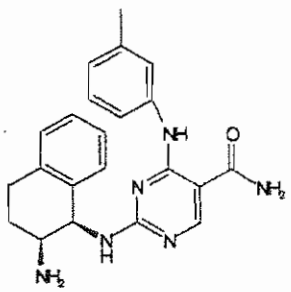
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
779		354.46	355.2 (M+1)		+
780		326.4	327.2 (M+1)		+
781		347.4	348.2		+
782		368.49	369.2 (M+1)		+
783		368.49	369.2 (M+1)		+++

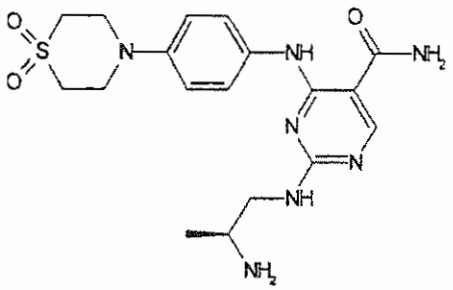
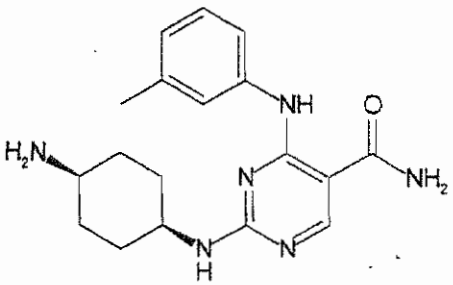
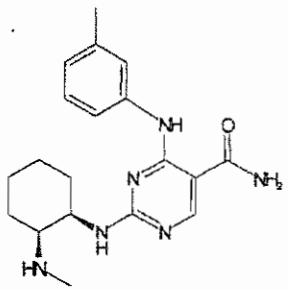
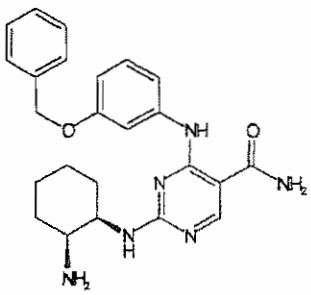
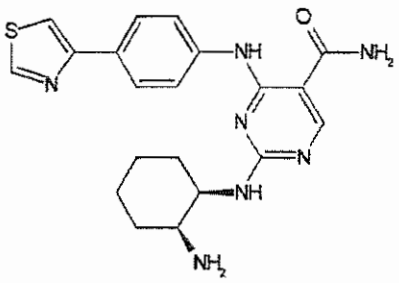
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
784		408.44	Turbo Spray MS [M+1]=409		+
785		426.5	Turb Spray MS [M+1]=427	241.8, 284.8	+
786		368.49	369.2 (M+1)		+++
787		364.43	365.2		+
788		379.47	MS: 380.2 (M+H)		+

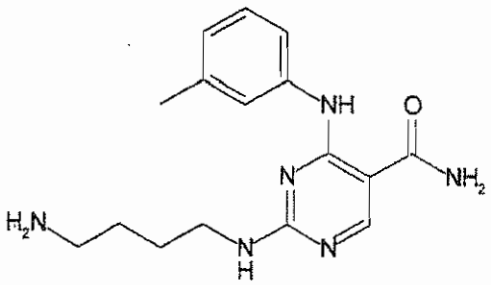
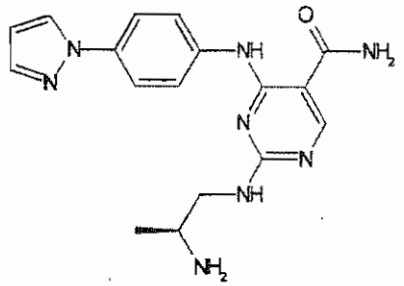
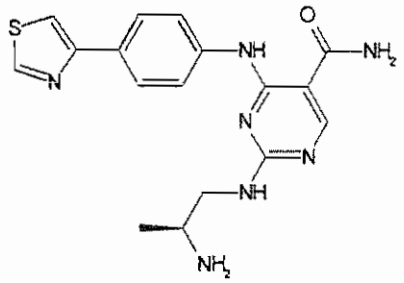
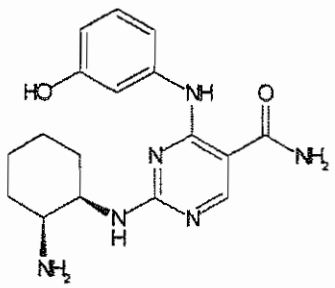
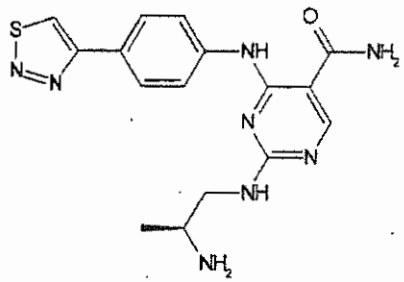
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
789		340.43	341.2 (M+1)		+
790		340.43	341.2 (M+1)		+
791		370.46	371.2 (M+1)		+
792		430.47	Turbo Spray MS [M+1]=431	201.0, 239.4, 292.1	+
793		409.45	Turbo Spray MS [M+1]=410	239.4, 284.1	+

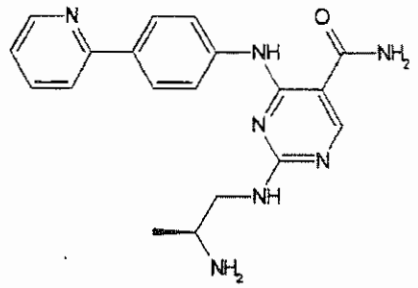
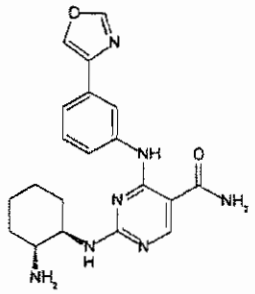
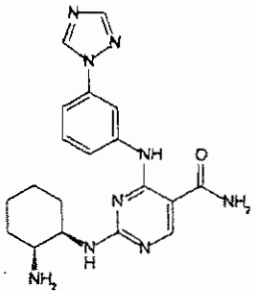
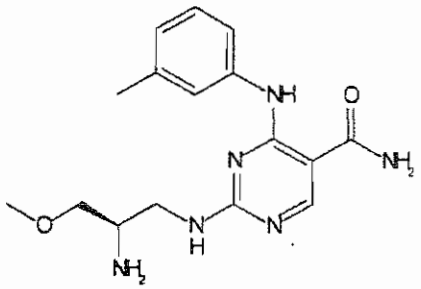
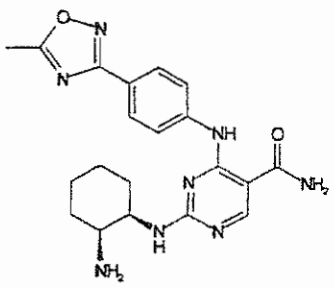
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
794		459.96	turbo Spray MS[M+1]=460	202.2, 238.8	+
795		340.43	ES(+) MS [M+1]=431	240.5, 292.7	+
796		360.44	361.1		+
797		351.41	MS: 352.2 (M + H)		+++
798		374.47	375.1		+

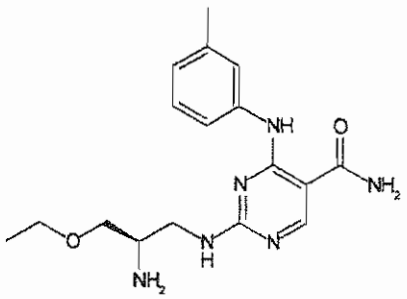
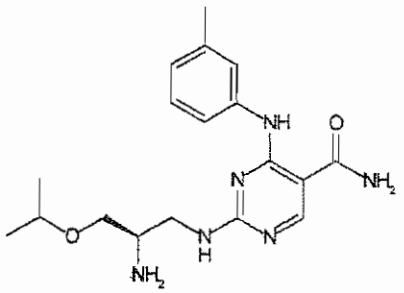
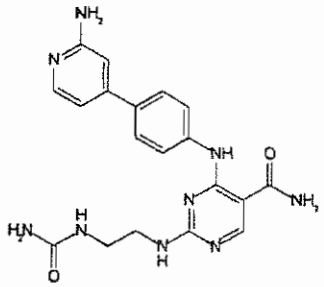
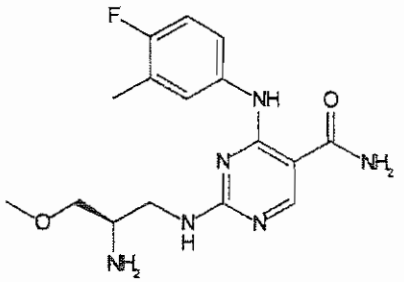
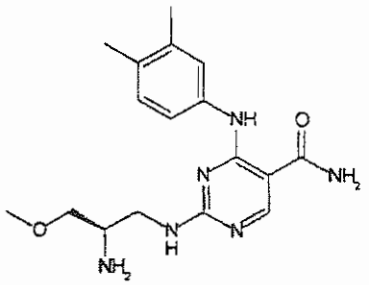
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
799		406.47	407.1		+
800		312.38	313.1 (M+1) 313.23 (M+1)		+++
801		351.41	MS: 352.2 (M + H) MS: 352.5 (M + H)		+++
802		325.33	MS: 326.1 (M + H)		+
803		316.37	MS: 317.1 (M + H)		+

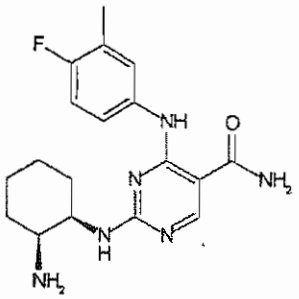
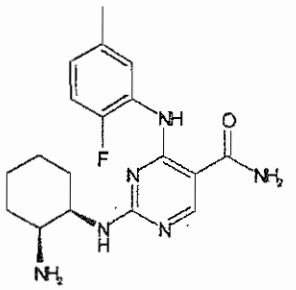
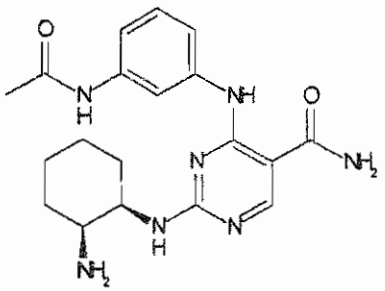
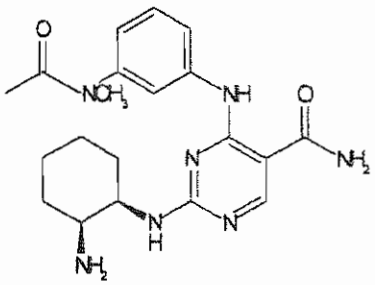
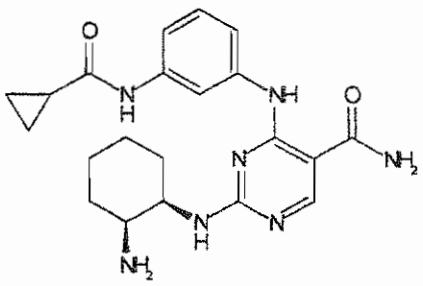
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
804		396.5	397.2		+
805		433.49	434.1		+
806		475.57	476.1		+++
807		388.48	389.2 (M+1)		+++
808		388.48	389.2 (M+1)		+++

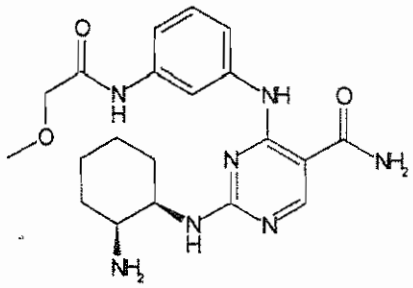
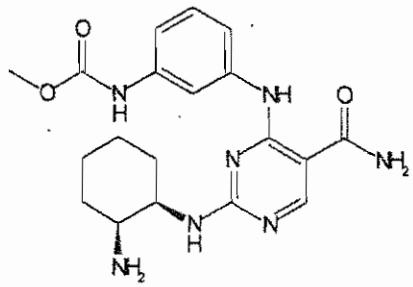
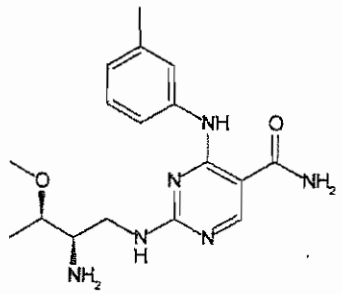
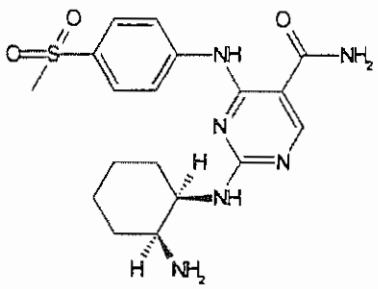
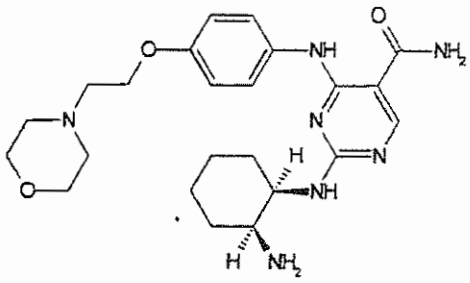
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
809		419.51	420.2		+
810		340.43	341.2		+
811		354.46	355.2 (M+1)		+
812		432.53	MS: 433.2 (M + H)		+++
813		409.52	410.2		+++

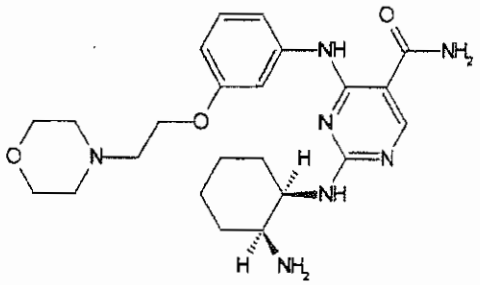
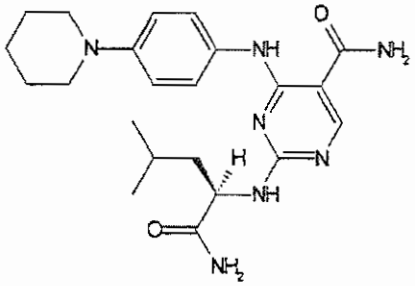
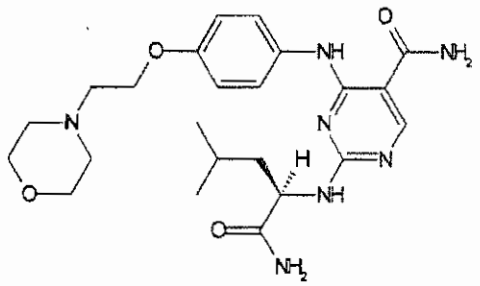
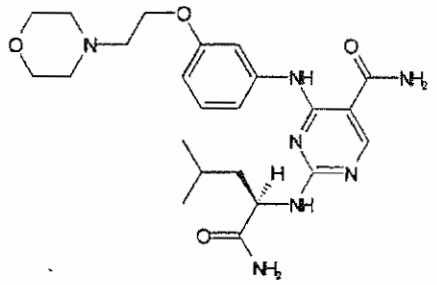
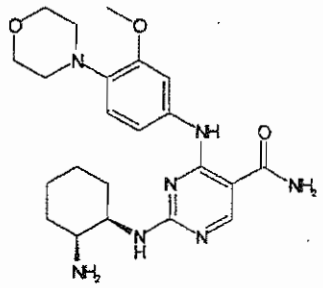
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
814		314.39	315.2		+
815		352.4	353.1		+
816		369.45	370.1		+++
817		342.4	MS: 343.2 (M + H)		+++
818		370.44	371.2		+++

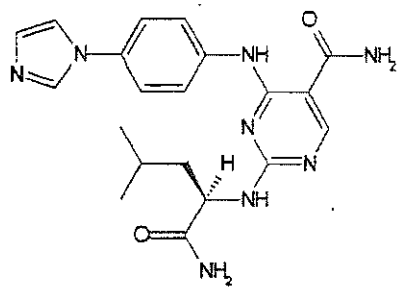
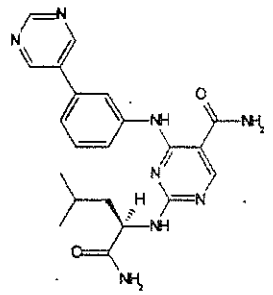
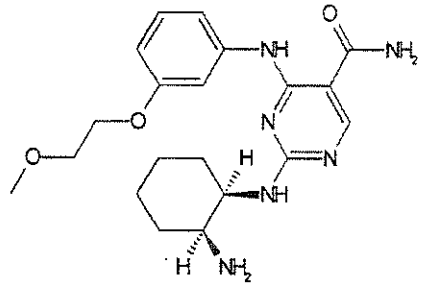
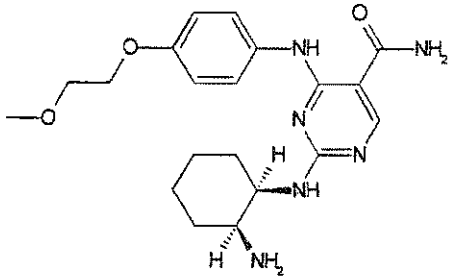
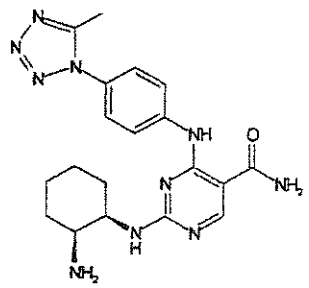
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
819		363.43	364.2		+
820		393.45	MS: 394.27 (M + H)		+++
821		393.46	MS: 394.27 (M + H)		++++
822		330.39	331 (M+H) 331.2, 332.4 331.26, 332.35 331.4, 332.5		+++
823		408.47	MS: 409.32 (M + H)		+++

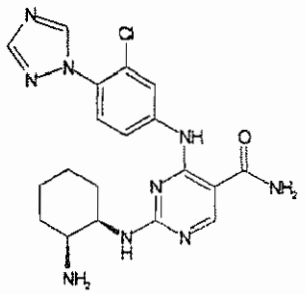
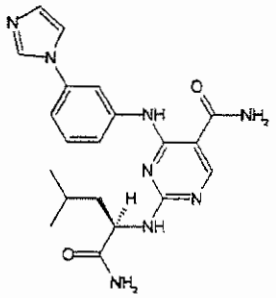
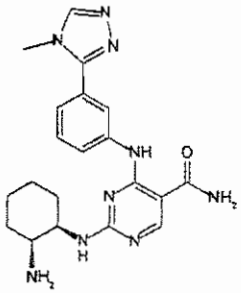
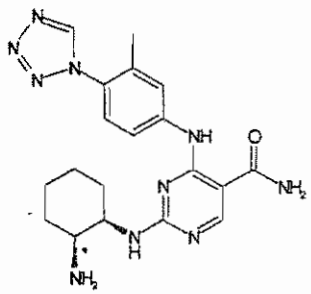
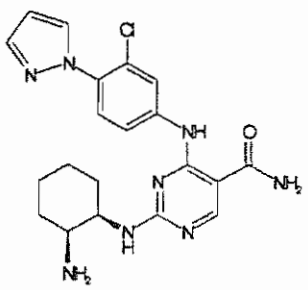
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
824		344.42	345.56, 346.27		+++
825		358.45	359.78, 360.32		+++
826		407.44	408.4 (M+1)		+
827		348.38	348.04, 350.14		+
828		344.42	345.5, 346.6		+++

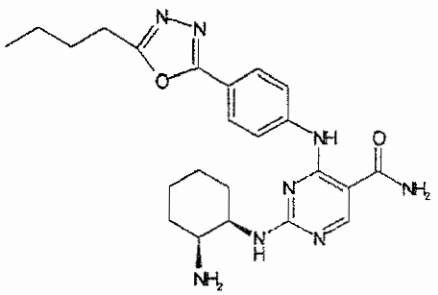
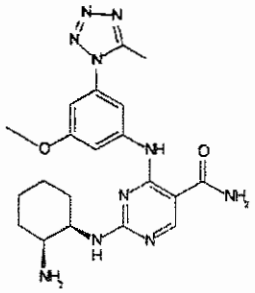
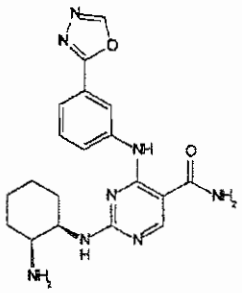
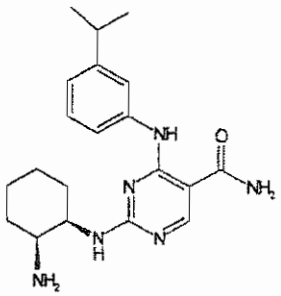
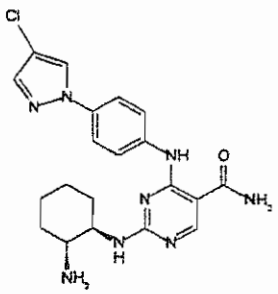
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
829		358.42	MS: 359.3 (M + H) MS: 359.4 (M+H)		+++
830		358.42	MS: 359.3 (M + H)		+++
831		383.46	384.4		+++
832		397.48	398.3		+
833		409.49	410.4		+++

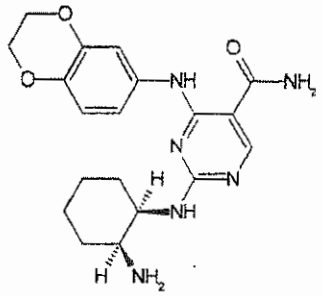
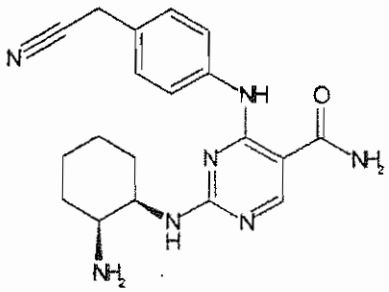
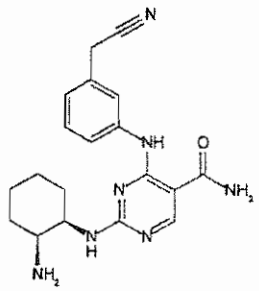
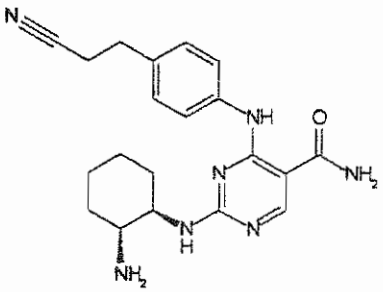
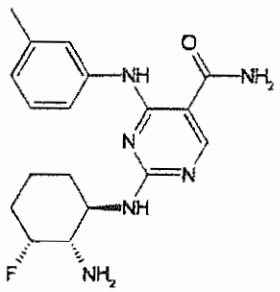
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
834		413.48	414.3		+++
835		399.46	400.3		+++
836		344.42	345.2, 346.4		+
837		404.49	405.3		+++
838		455.56	456.3		+++

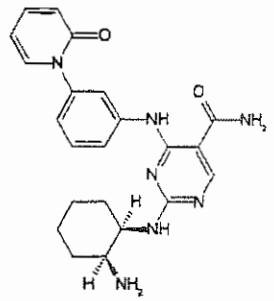
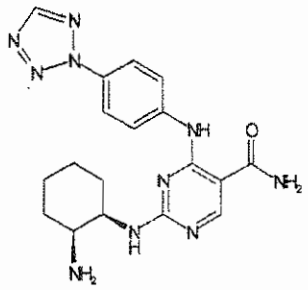
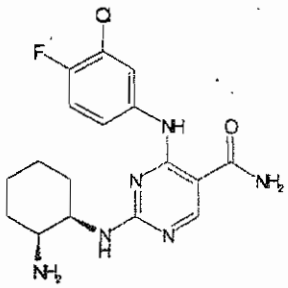
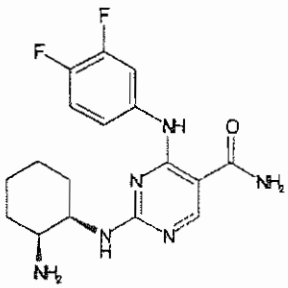
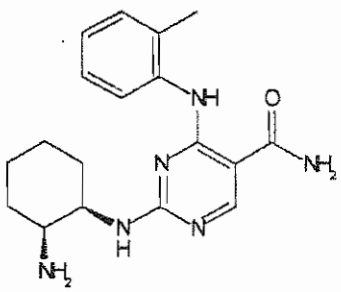
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
839		455.56	456.3		+++
840		425.54	426.3		+
841		471.56	472.3		+
842		471.56	472.3		+
843		441.54	442.2, 442.8		+

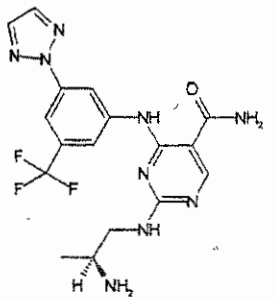
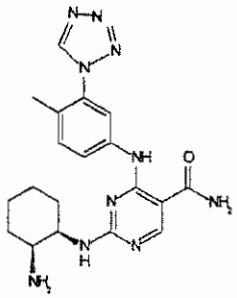
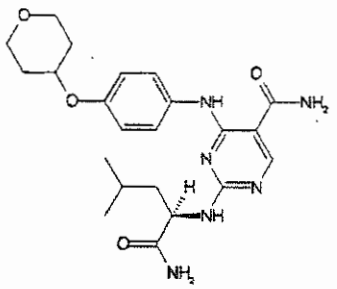
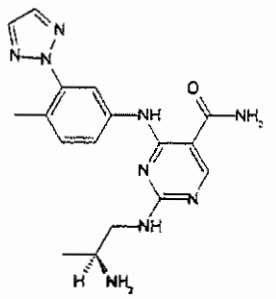
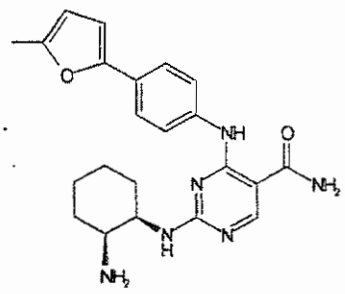
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
844		408.47	409.3		+
845		420.48	421.3		+
846		400.48	401.3		+++
847		400.48	401.3		+
848		408.47	MS: 409.2 (M + H)		+

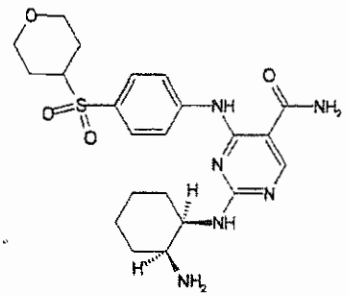
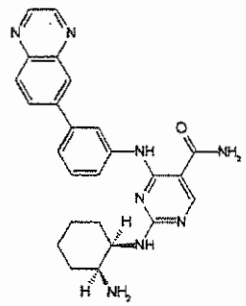
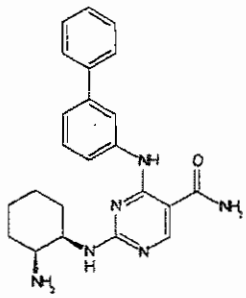
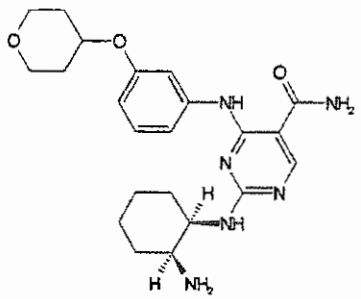
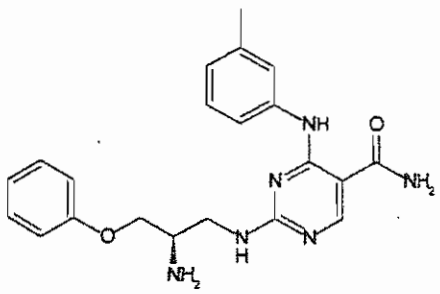
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
849		427.9	MS: 428.3 (M + H)		+++
850		408.47	409.3		+
851		407.48	MS: 408.3 (M + H)		+
852		408.47	MS: 409.3 (M + H)		+++
853		426.91	MS: 427.2/429.1 (M/M+2)		+++

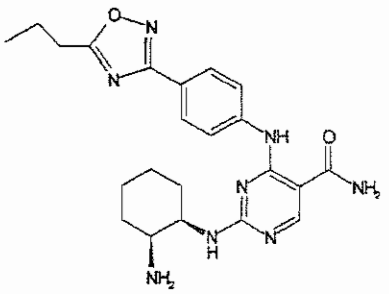
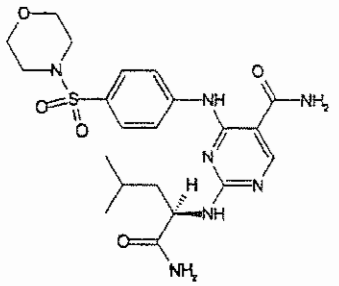
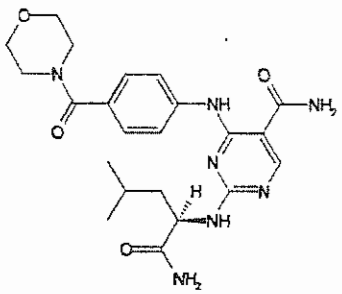
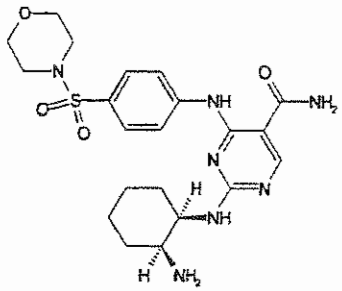
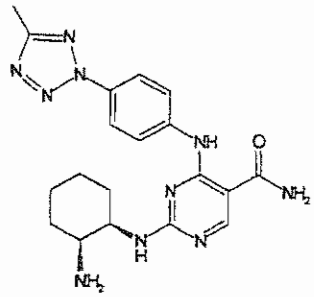
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
854		450.55	MS: 451.4 (M+H)		+++
855		438.5	MS: 439.3 (M+H)		+++
856		394.44	MS: 395.3 (M+H)		++++
857		368.49	MS: 369.2 (M+H)		+++
858		426:91	MS: 427.2/429.2 (M/M+2)		+++

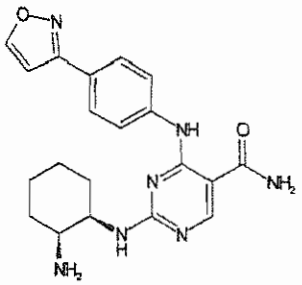
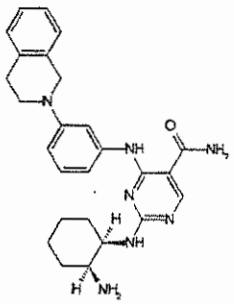
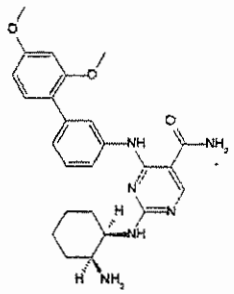
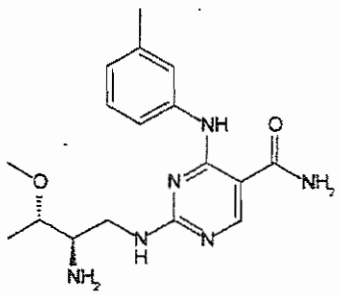
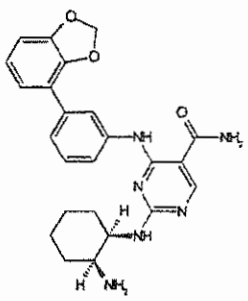
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
859		384.44	385.3		+++
860		365.44	MS: 366.3 (M+H); 388.3 (M+Na)		+++
861		365.44	MS: 366.3 (M+H); 388.2 (M+Na)		++++
862		379.47	MS: 380.3 (M+H); 402.3 (M+Na)		+++
863		358.42	359.3		+

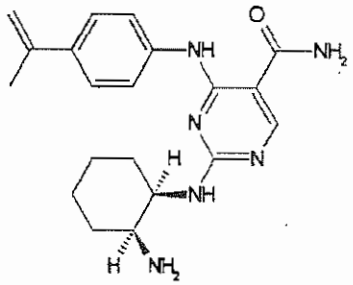
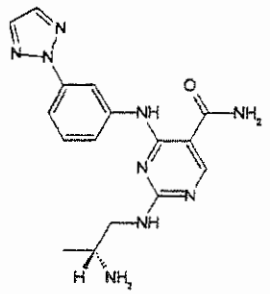
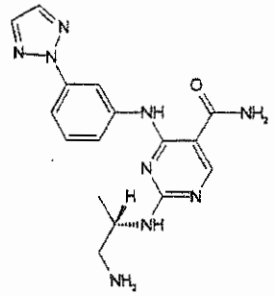
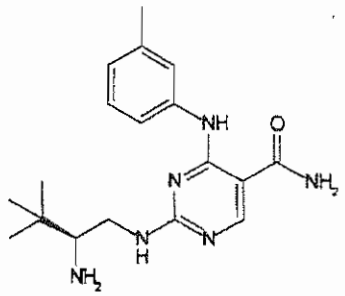
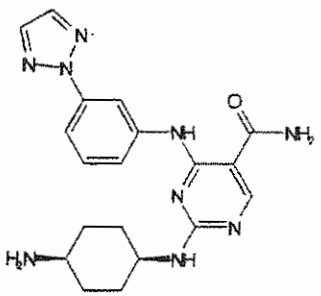
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
864		419.49	MW=419.48; M+1=420.2		+
865		394.44	MS: 395.3 (M+H); 417.3 (M+Na)		+
866		378.84	ES(+) MS [M+1]=379	214.9, 249.7	+++
867		362.38	ES(+) MS [M+1]=363	249.7	+++
868		340.43	ES(+) MS [M+1]=341	231.4, 246.7	+

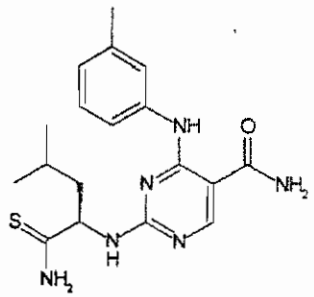
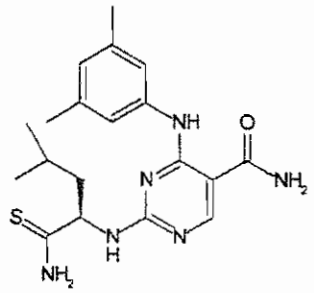
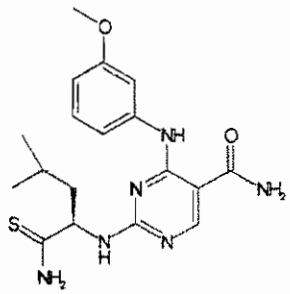
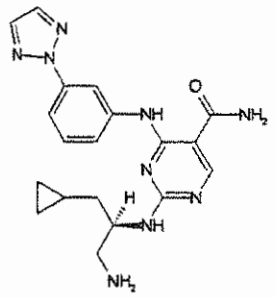
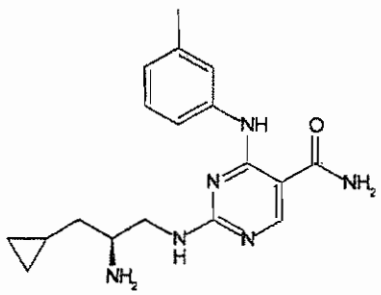
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
869		421.39	MW=421.4, M+1=422.2		+
870		408.47	MS: 409.3 (M + H)		+++
871		442.52	443.3		+
872		367.42	MW=367.2, M+1= 368.3		+++
873		406.49	MS: 407.2 (M+H)		+++

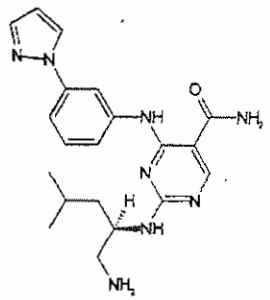
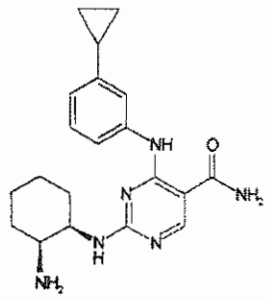
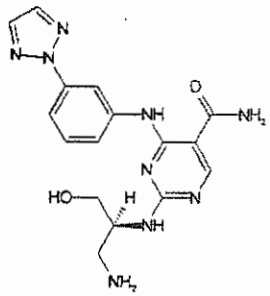
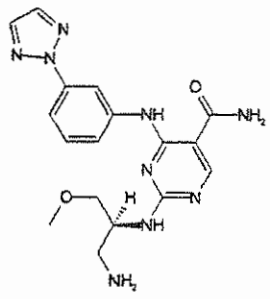
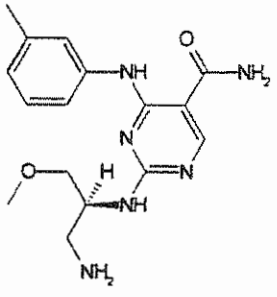
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
874		474.58	475.3		+
875		454.54	MW=454.5; M+1=455.3		+++
876		402.5	403.4		++++
877		426.52	427.3		+++
878		392.46	60 mg		+

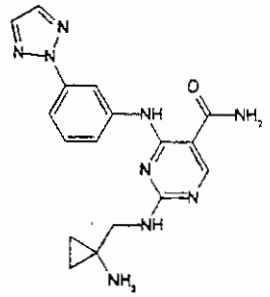
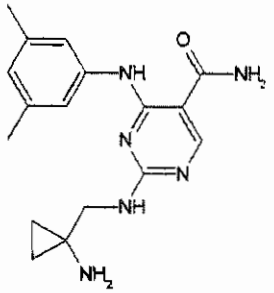
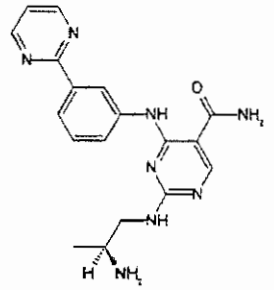
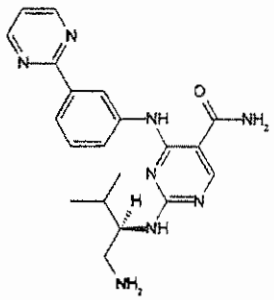
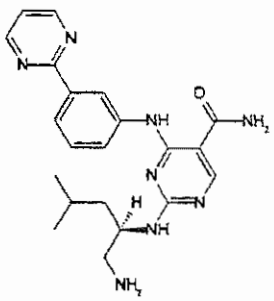
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
879		436.52	MS: 437.4 (M+H)		+++
880		491.57	492.3		+
881		455.52	456.3		+
882		475.57	476.3		+
883		408.47	MS: 409.4 (M + H)		+

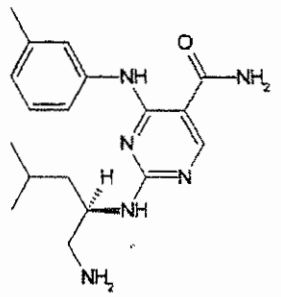
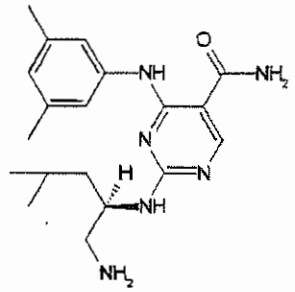
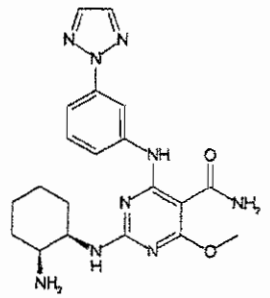
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
884		393.45	394.4		+++
885		457.58	458 MW=457.6; M+1=458.4		+++
886		462.55	MW=462.5; M+1=463.3		+++
887		344.42	345.4		+++
888		446.51	447.2		++++

Example No.	Structure	MW	MH+	UV	Syk IC50 Code
889		366.47	367.3		+++
890		353.39	354.3		+
891		353.39	354.3		+
892		342.45	343.3		+++
893		393.46	394.3		+++

Example No.	Structure	MW	MH+	UV	Syk IC50 Code
894		372.5	373.4		+
895		386.52	387.5		+
896		388.49	389.4		+
897		393.46	394.5		+++
898		340.43	341.4		+++

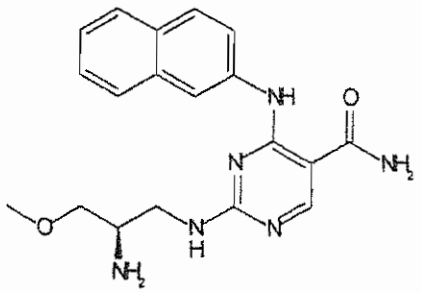
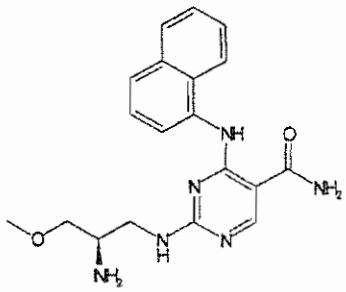
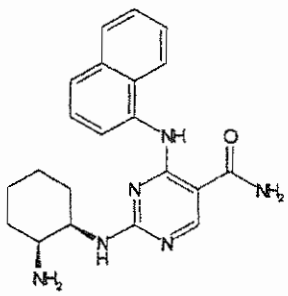
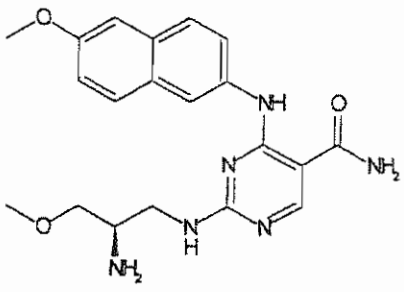
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
899		394.48	395.3		+++
900		366.47	MS: 367.4 (M+H)		++++
901		369.39	370.3		+
902		383.42	384.3		+++
903		330.39	331.3		+

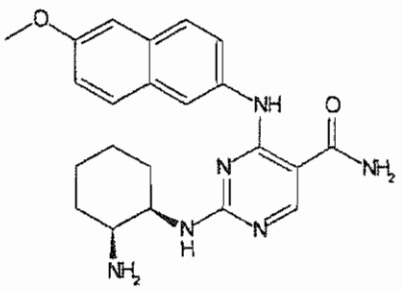
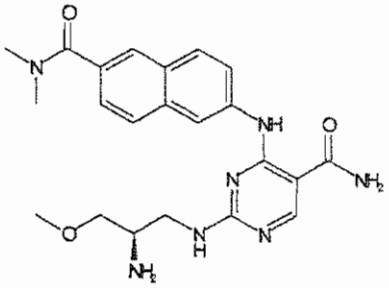
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
904		365.4	366.3		+
905		326.4	327.3		+++
906		364.41	365.4		+
907		392.47	393.4		+++
908		406.49	407.4		+++

Example No.	Structure	MW	MH+	UV	Syk IC50 Code
909		342.45	343.4		+++
910		356.47	357.4		++++
911		423.48	424.4		

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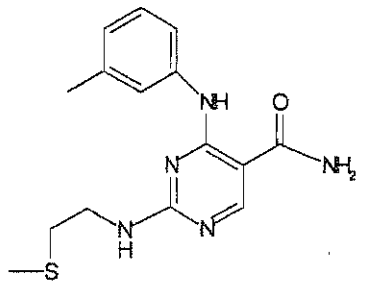
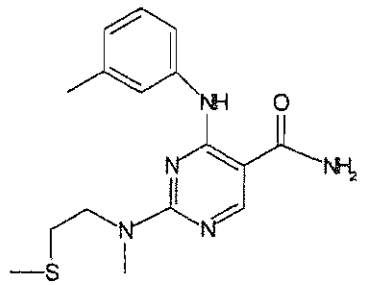
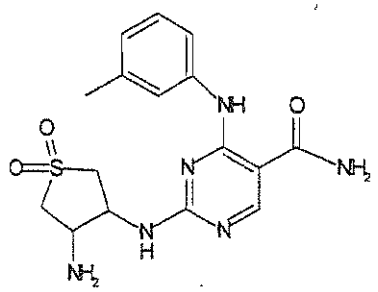
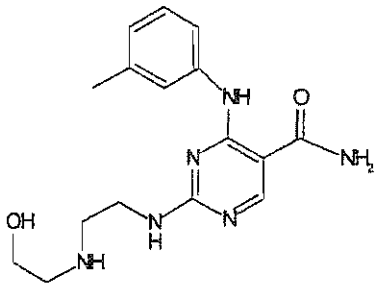
FIG. 4B

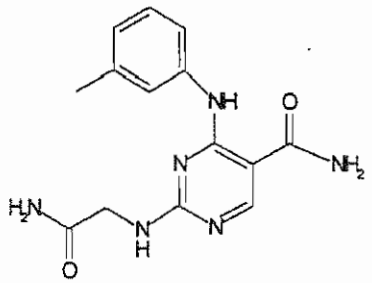
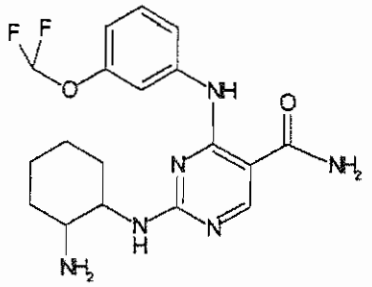
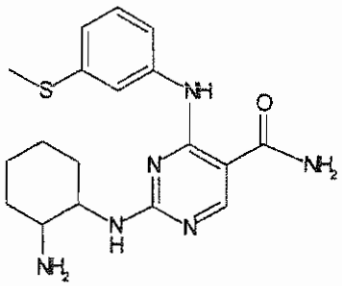
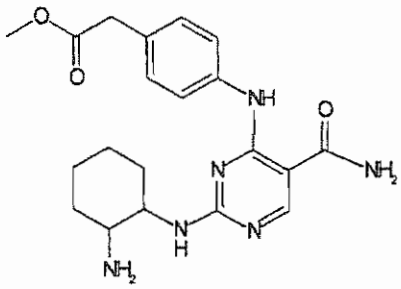
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
912		366.43	367.2, 368.1		+++
913		366.43	367.1, 368.2 367.4		+++
914		376.46	377.1, 378.5		+++
915		396.45	397.0, 398.4		+++

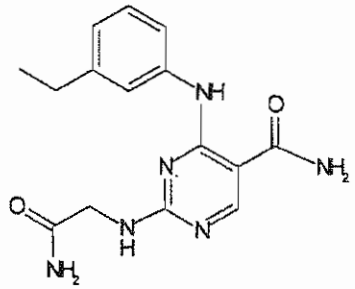
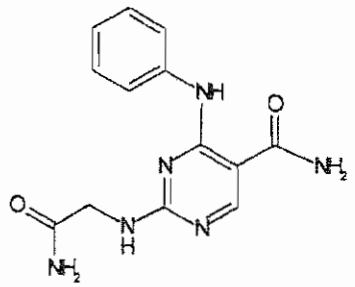
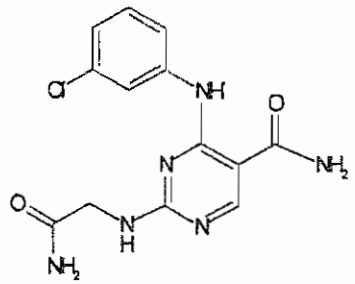
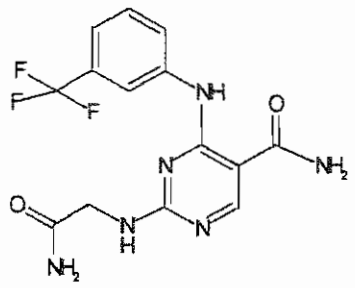
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
916		406.49	407.2, 408.5		++++
917		437.5	438.3, 439.3		+++

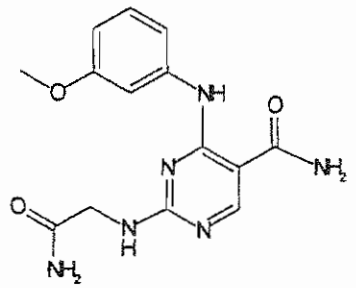
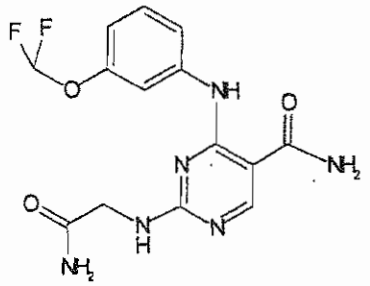
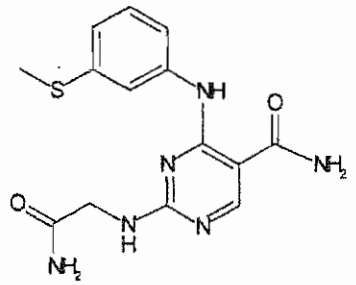
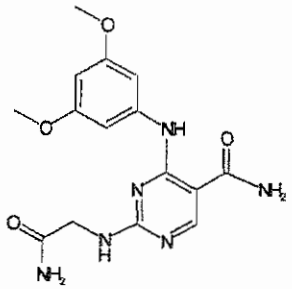
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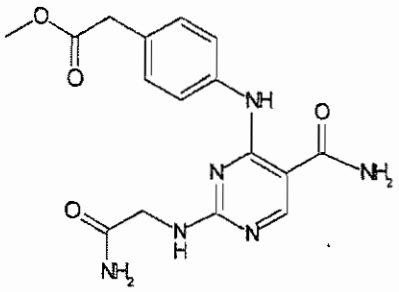
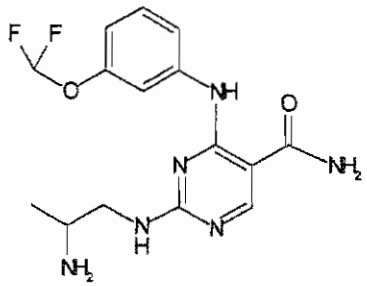
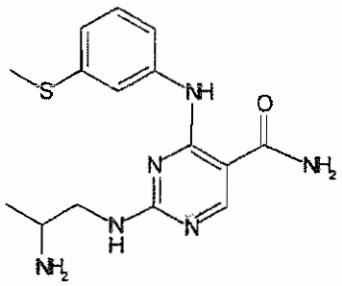
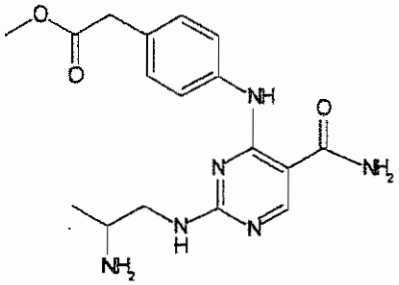
FIG. 4C

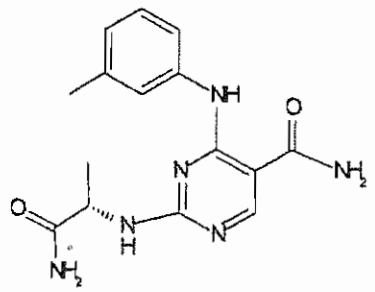
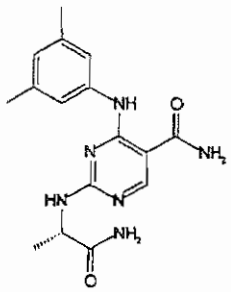
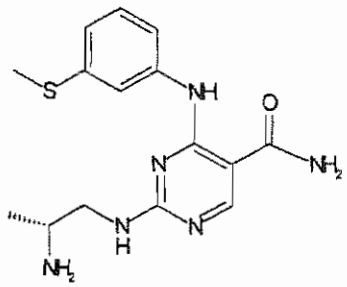
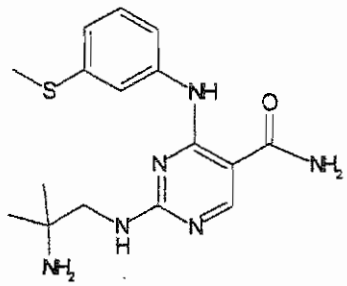
Example No.	Compound	UV	Syk IC50 Code
918			+
919			+
920			+
921			+

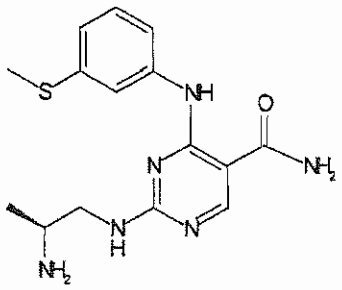
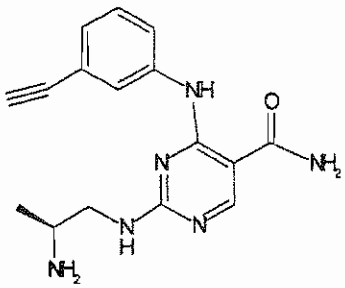
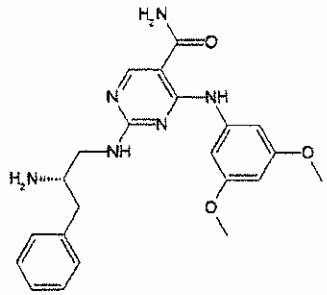
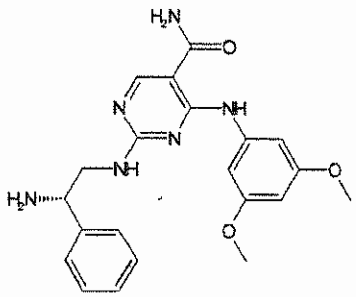
Example No.	Compound	UV	Syk IC50 Code
922			+
923			+
924			+
925			+

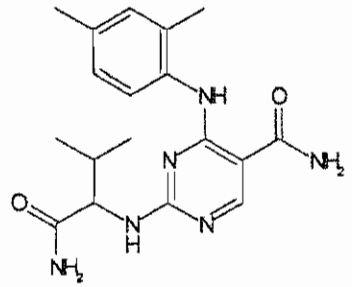
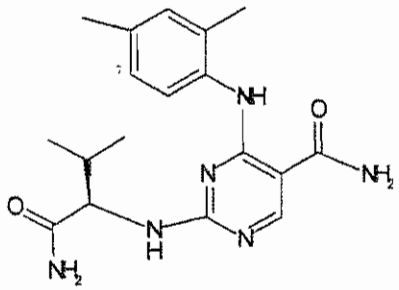
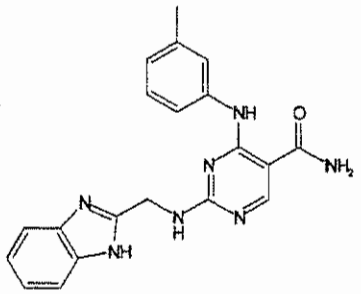
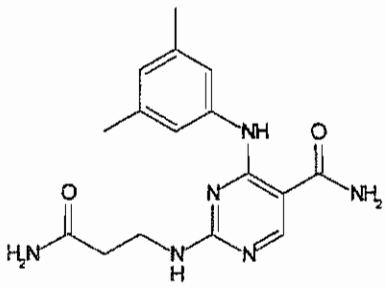
Example No.	Compound	UV	Syk IC50 Code
926			+
927			+
928			+
929			+

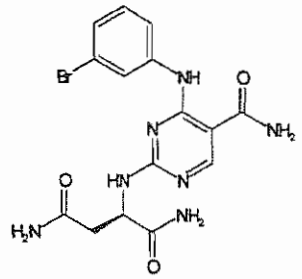
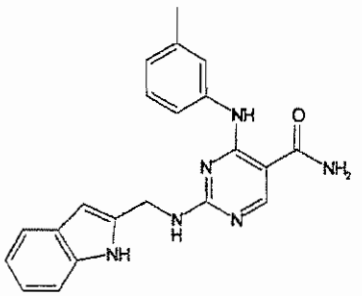
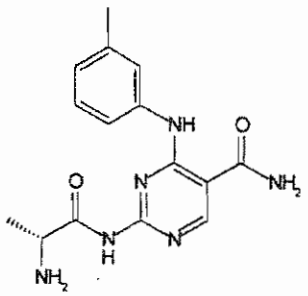
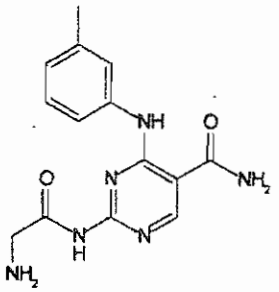
Example No.	Compound	UV	Syk IC50 Code
930			+
931			+
932			+
933			+

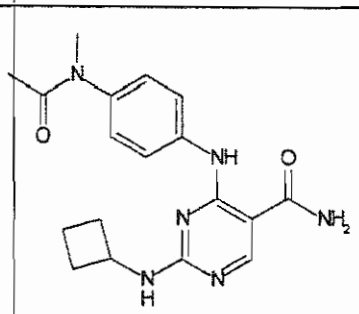
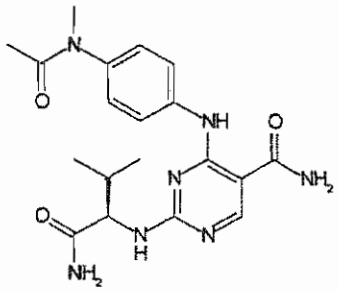
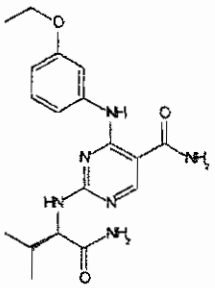
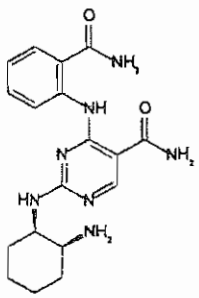
Example No.	Compound	UV	Syk IC50 Code
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935			+
936			+
937			+

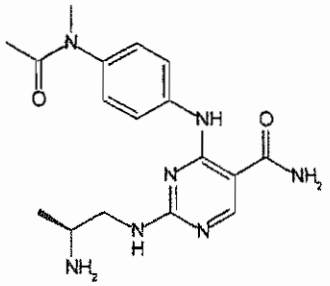
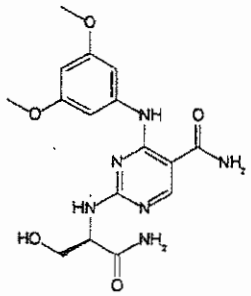
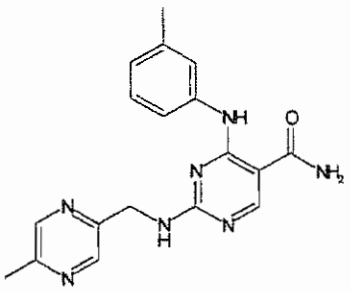
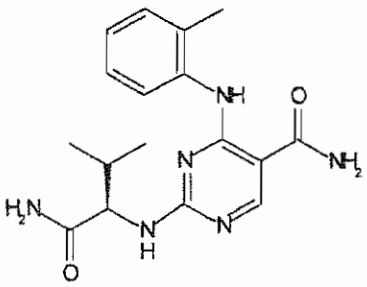
Example No.	Compound	UV	Syk IC50 Code
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939			+
940			+
941			+

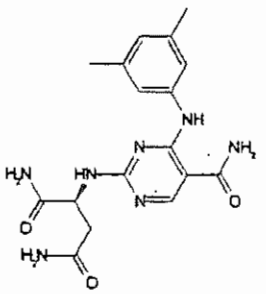
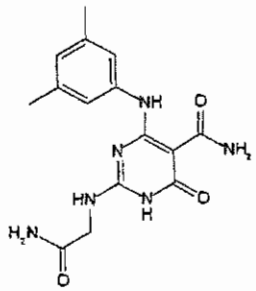
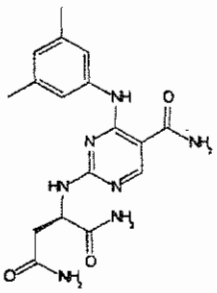
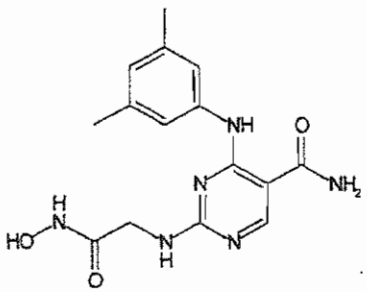
Example No.	Compound	UV	Syk IC50 Code
942			+
943			+
944			+
945			+

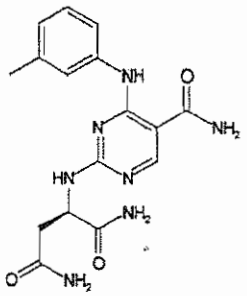
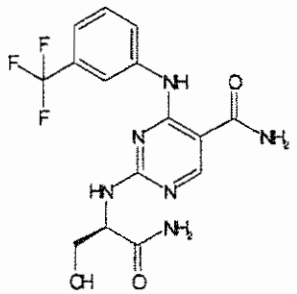
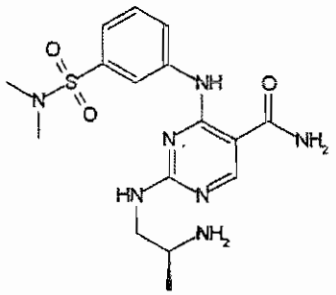
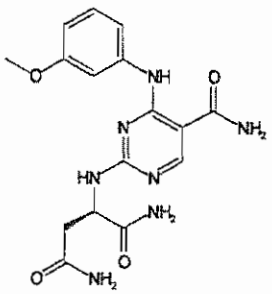
Example No.	Compound	UV	Syk IC50 Code
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947			+
948			+
949			+

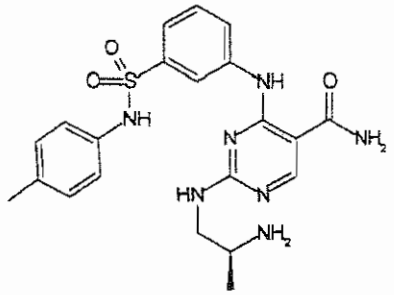
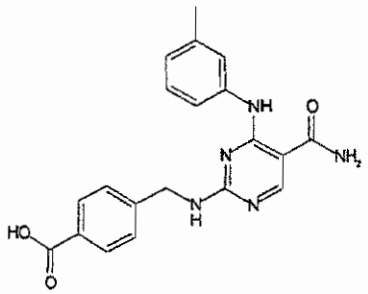
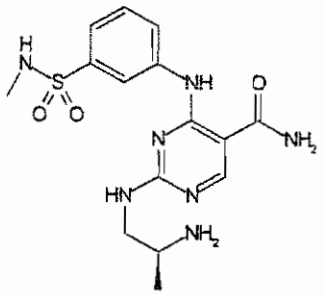
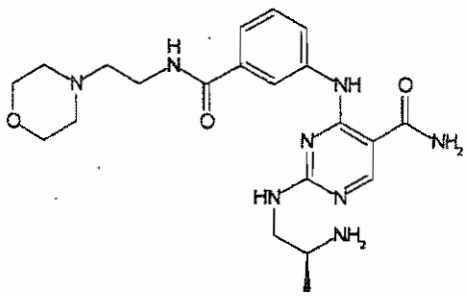
Example No.	Compound	UV	Syk IC50 Code
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951			+
952			+
953			+

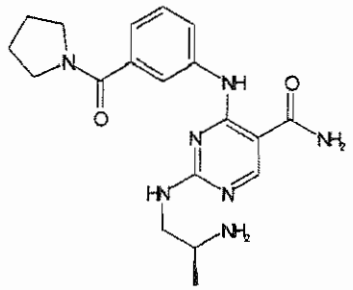
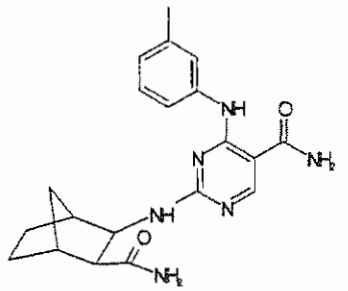
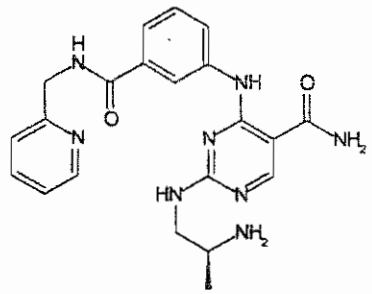
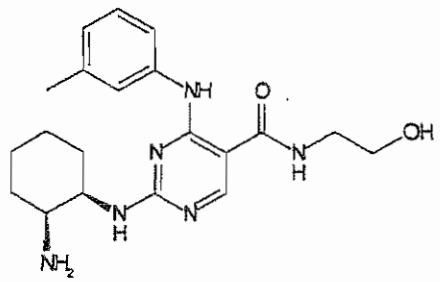
Example No.	Compound	UV	Syk IC50 Code
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955			+
956			+
957			+

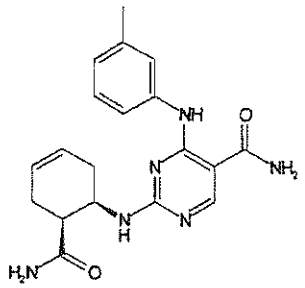
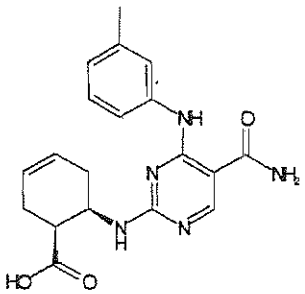
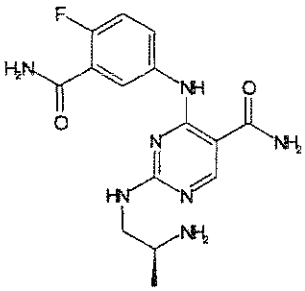
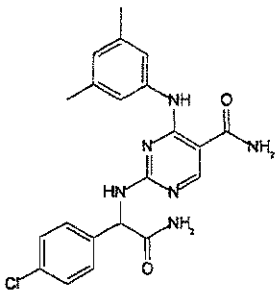
Example No.	Compound	UV	Syk IC50 Code
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959			+
960			+
961			+

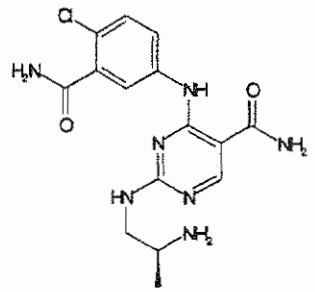
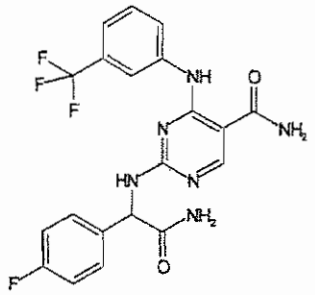
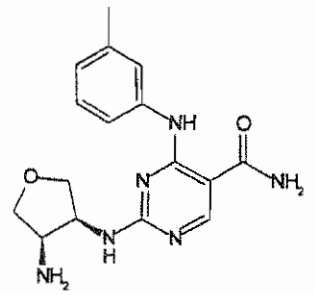
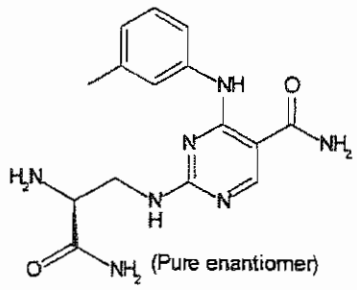
Example No.	Compound	UV	Syk IC50 Code
962.			+
963			+
964			+
965			+

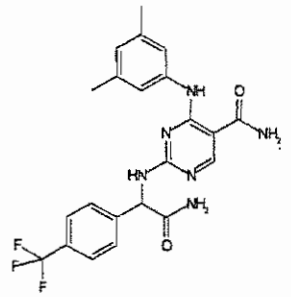
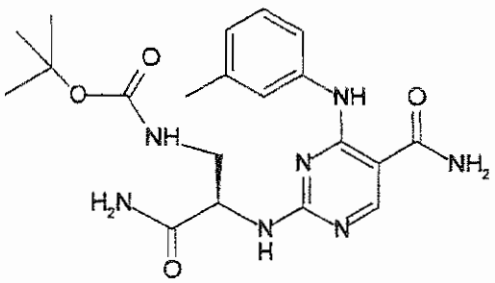
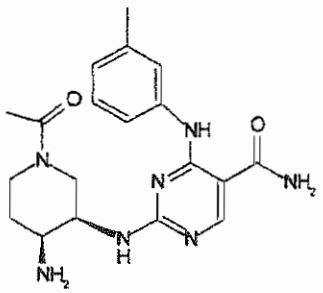
Example No.	Compound	UV	Syk IC50 Code
966			+
967			+
968			+
969			+

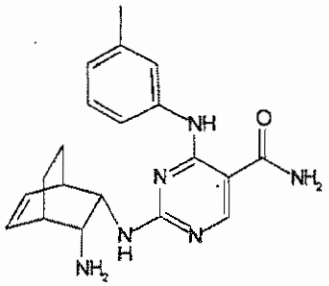
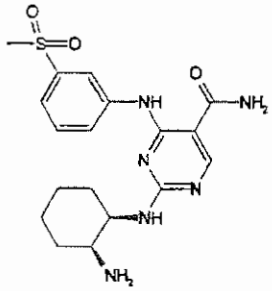
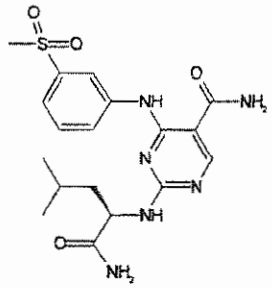
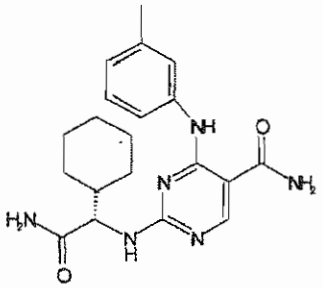
Example No.	Compound	UV	Syk IC50 Code
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971			+
972			+
973			+

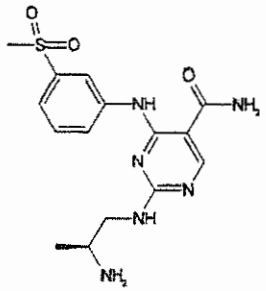
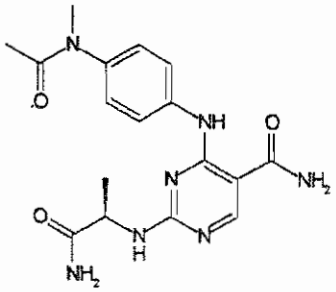
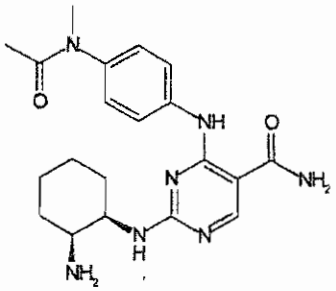
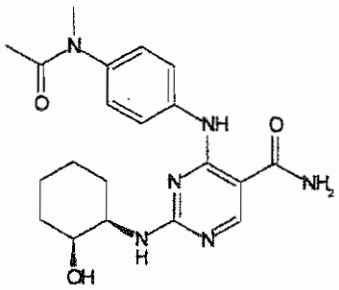
Example No.	Compound	UV	Syk IC50 Code
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975			+
976			+
977			+

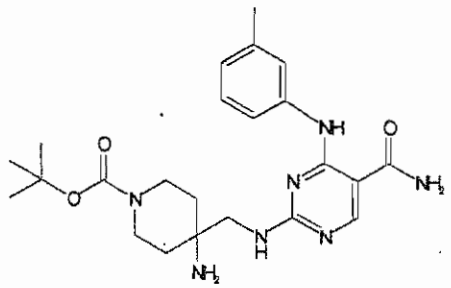
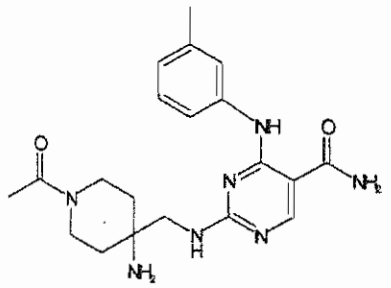
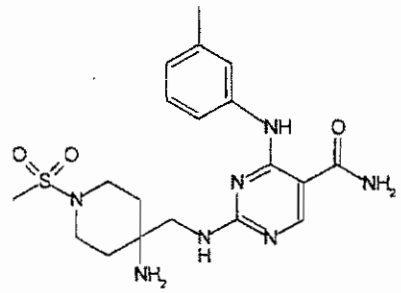
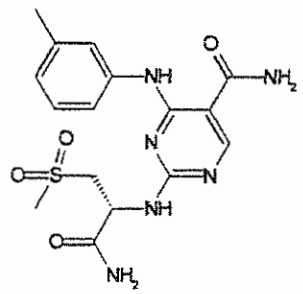
Example No.	Compound	UV	Syk IC50 Code
978			+
979			+
980			+
981			+

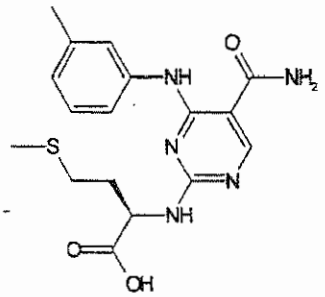
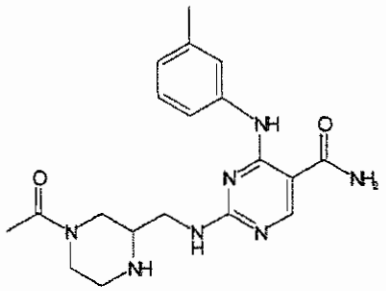
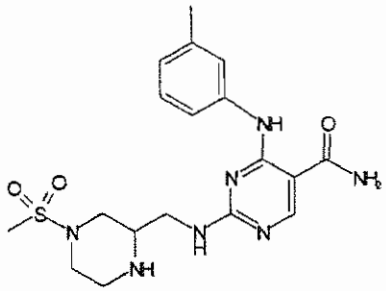
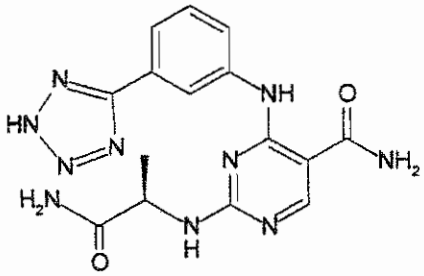
Example No.	Compound	UV	Syk IC50 Code
982			+
983			+
984			+
985	 (Pure enantiomer)		+

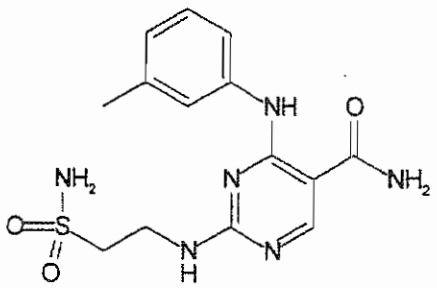
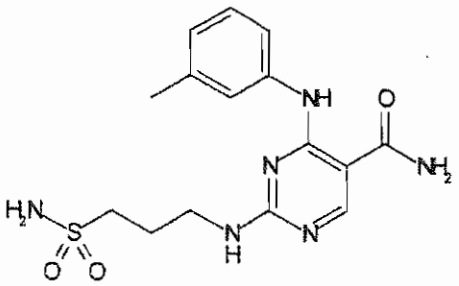
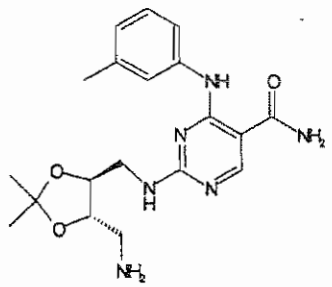
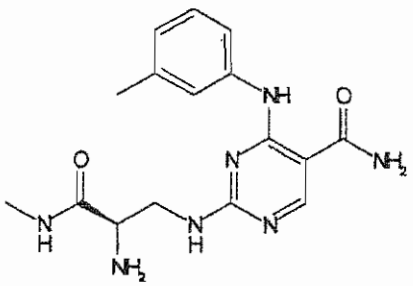
Example No.	Compound	UV	Syk IC50 Code
986			
987			+
988			+
989			+

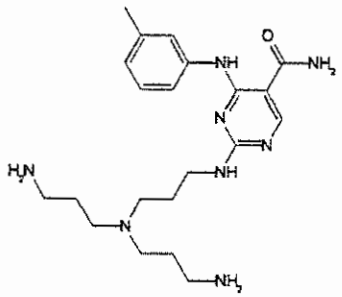
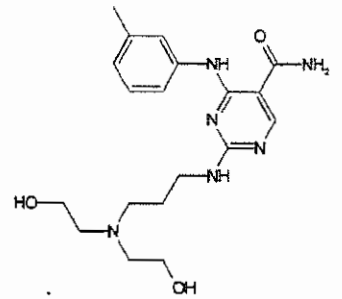
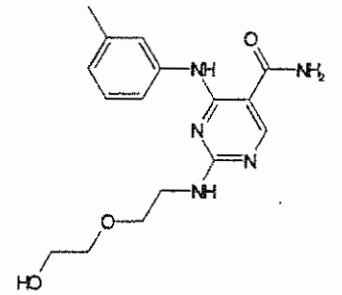
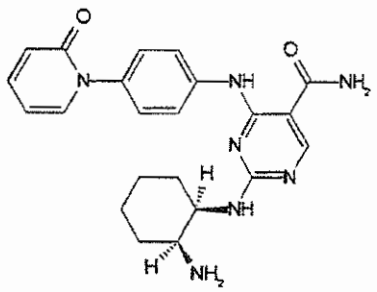
Example No.	Compound	UV	Syk IC50 Code
990			+
991			+
992			+
993			+

Example No.	Compound	UV	Syk IC50 Code
994			+
995			+
996			+
997			+

Example No.	Compound	UV	Syk IC50 Code
998			+
999			+
1000			+
1001			+

Example No.	Compound	UV	Syk IC50 Code
1002			+
1003			+
1004			+
1005			+

Example No.	Compound	UV	Syk IC50 Code
1006			+
1007			+
1008			+
1009			+

Example No.	Compound	UV	Syk IC50 Code
1010			+
1011			+
1012			+
1013			+

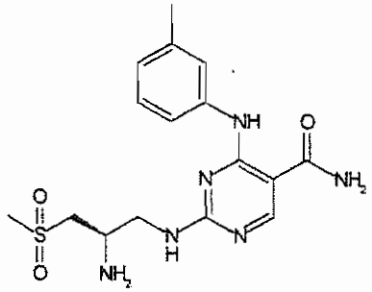
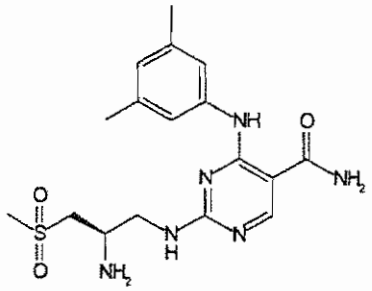
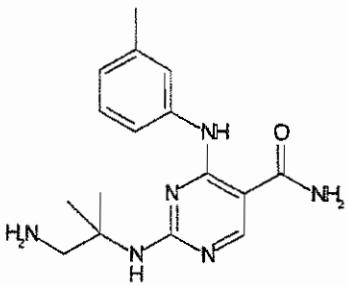
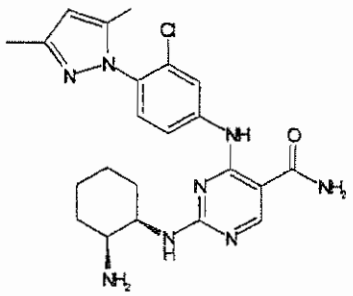
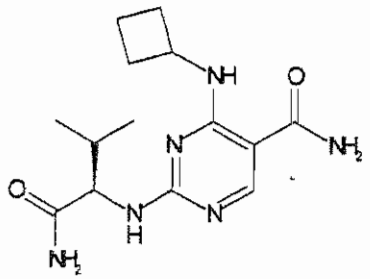
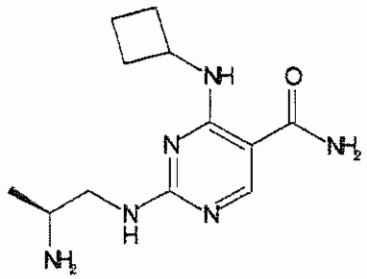
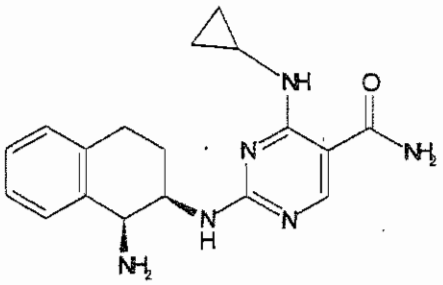
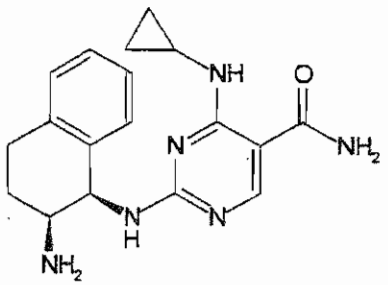
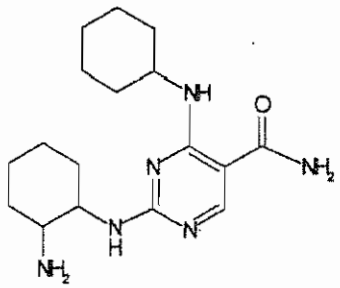
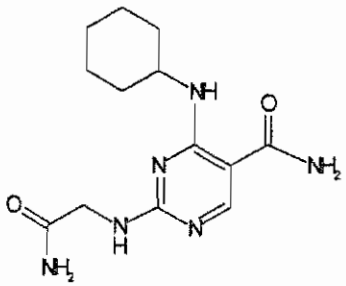
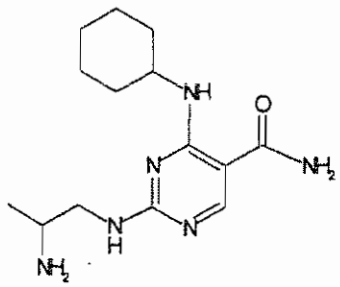
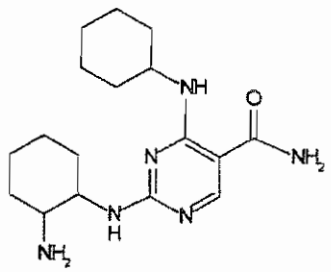
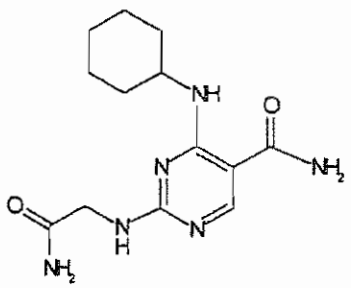
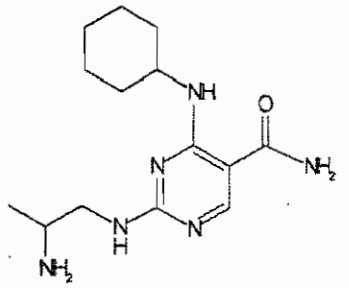
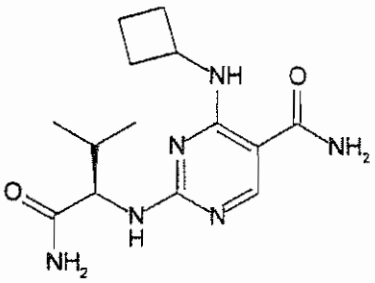
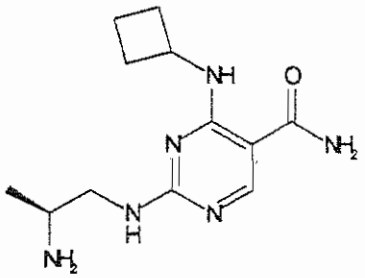
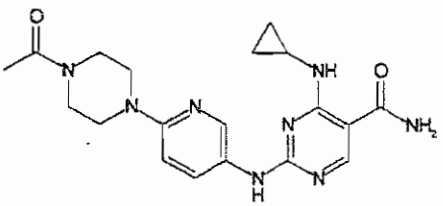
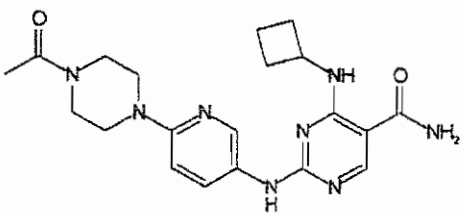
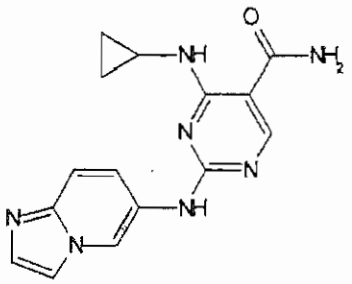
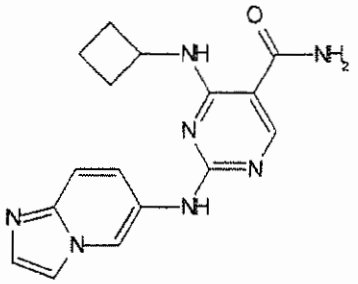
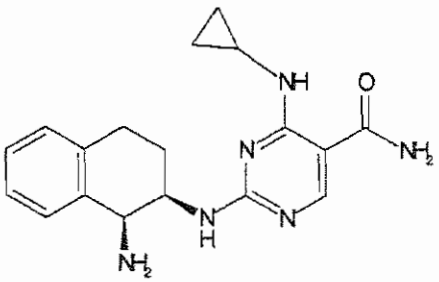
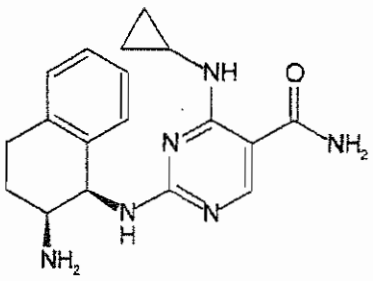
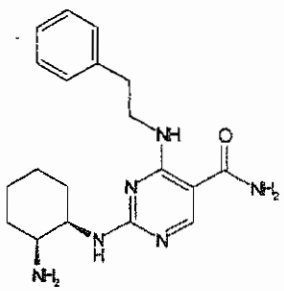
Example No.	Compound	UV	Syk IC50 Code
1014			+
1015			+
1016			+
1017			+

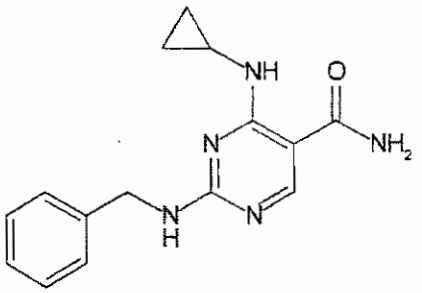
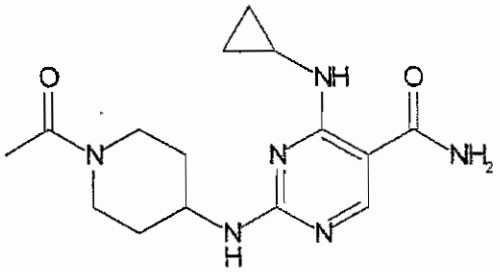
FIG. 5

Example No.	Structure	MW	MH+	UV	Syk IC50
1018					+
1019					+
1020					+
1021					+

Example No.	Structure	MW	MH+	UV	Syk IC50
1022					+
1023					+
1024					+
1025		332.452			+
1026		292.343			+

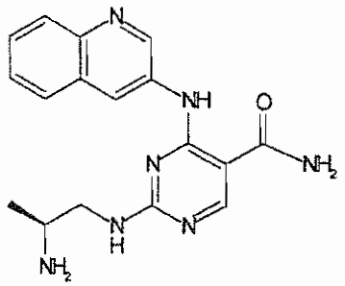
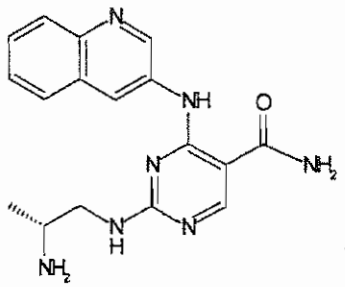
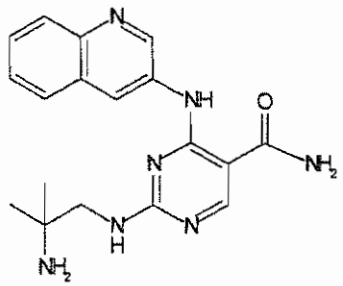
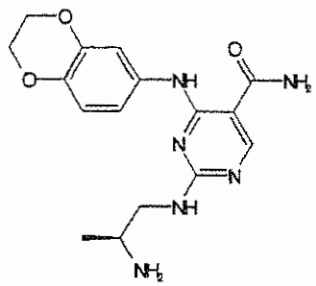
Example No.	Structure	MW	MH+	UV	Syk IC50
1027		292.387			+
1028		306.37	307.3		+
1029		264.333	265.2		+
1030		396.455	397		++
1031		410.482	411		++

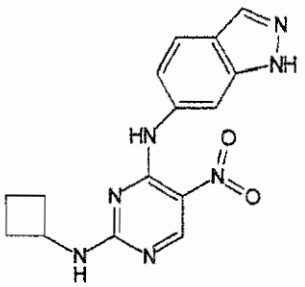
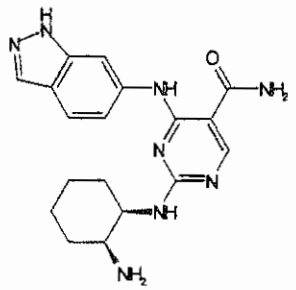
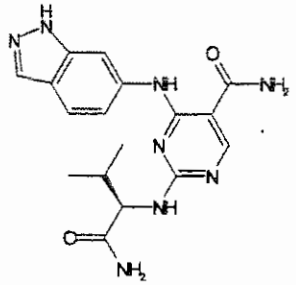
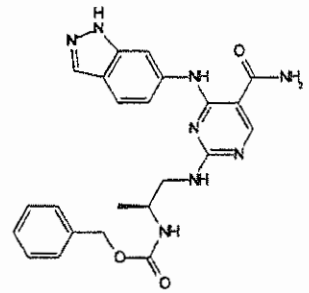
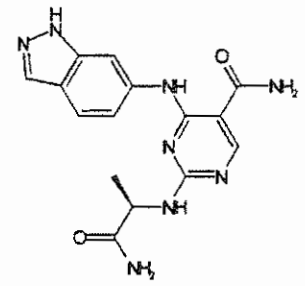
Example No.	Structure	MW	MH+	UV	Syk IC50
1032		309.333	310.2		+
1033		323.36	324.2		+
1034		338.415	339.2 (M+1)		+
1035		338.415	339.2 (M+1)		+
1036		354.458	355.4		+

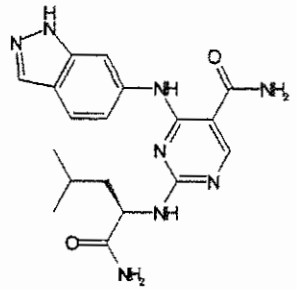
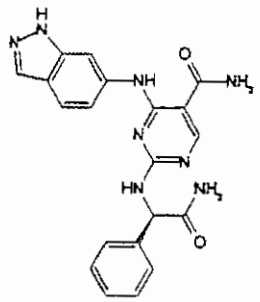
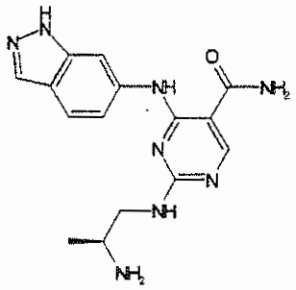
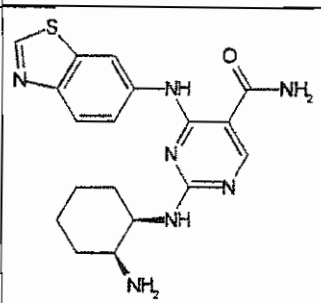
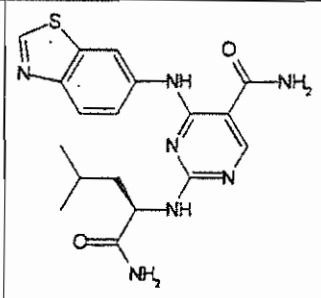
Example No.	Structure	MW	MH+	UV	Syk IC50
1037		283.335	284.4		+
1038		318.381	319.4		+

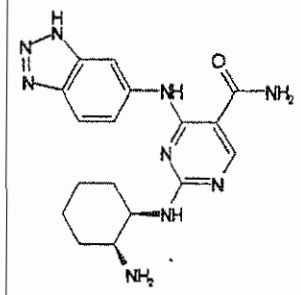
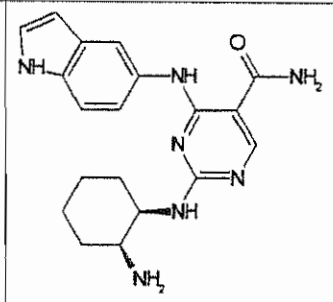
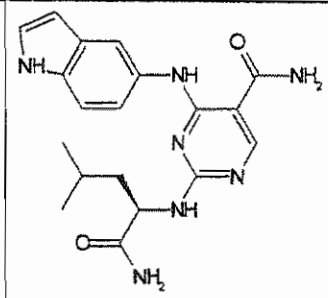
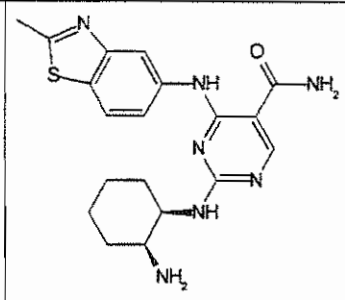
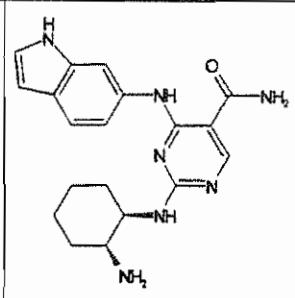
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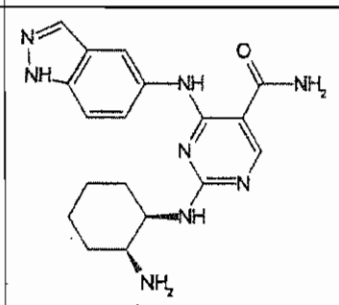
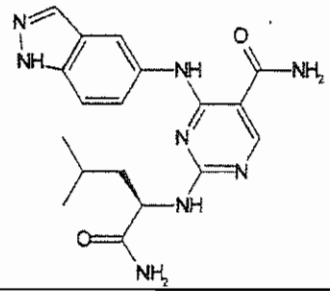
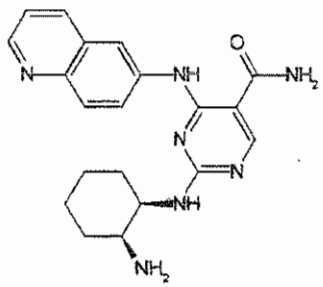
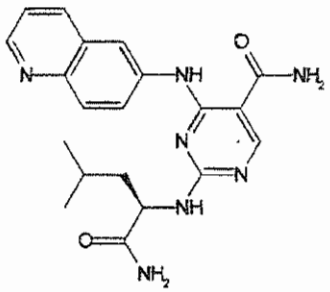
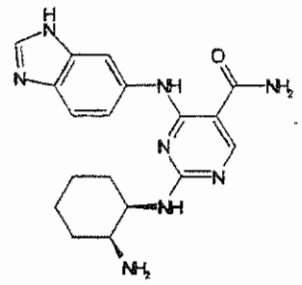
FIG. 6

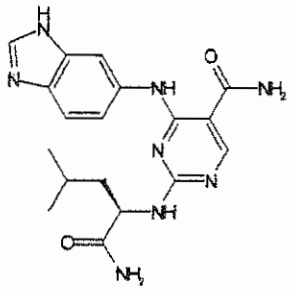
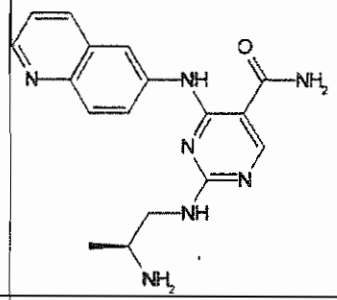
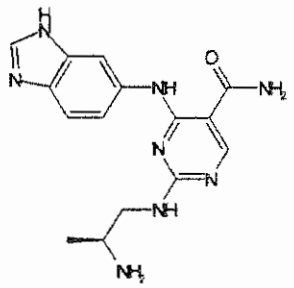
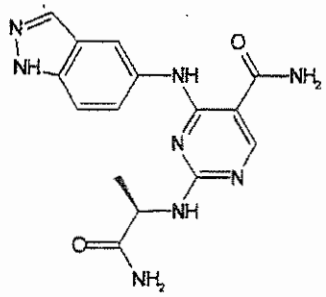
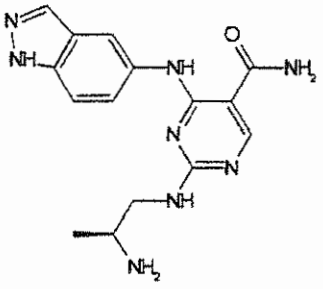
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1039		337.39	338.2 (M+1)		+++
1040					
1041					
1042		344.38	345.1		++

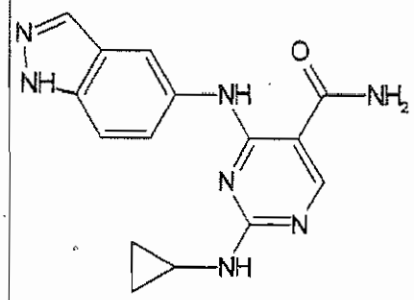
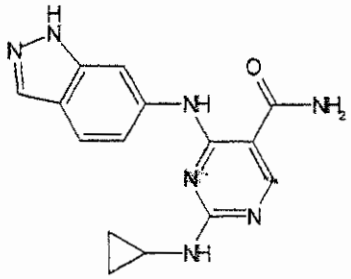
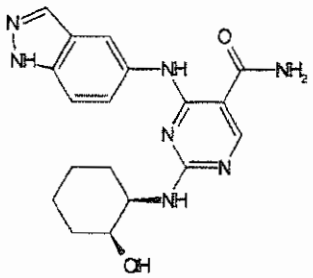
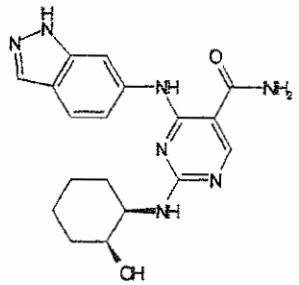
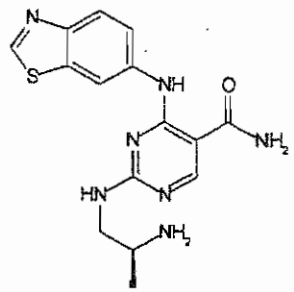
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1043					+
1044		366.43	367.2		++++
1045		368.4	369.2		+++
1046					+
1047		340.35	341.1		+

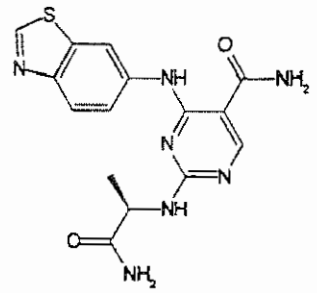
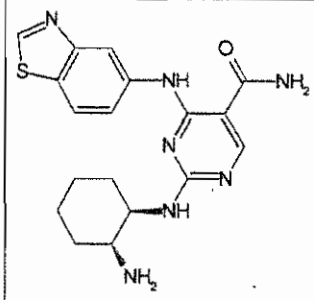
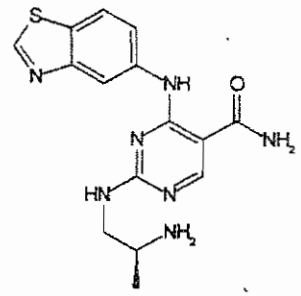
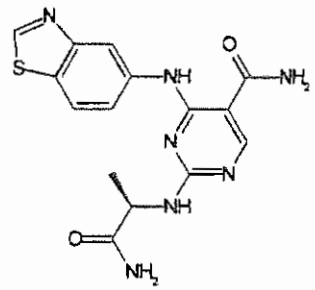
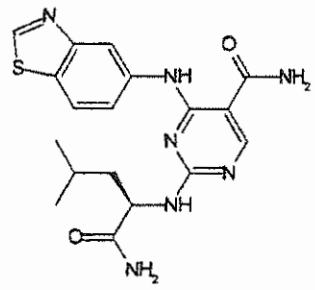
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1048		382.43	383.1		+++
1049		402.42	403.1		+
1050		326.36	327.1		+++
1051		383.48	384.1 384.2		+++
1052		399.48	399.1		+++

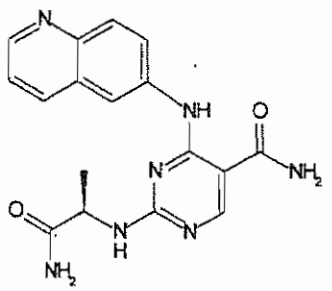
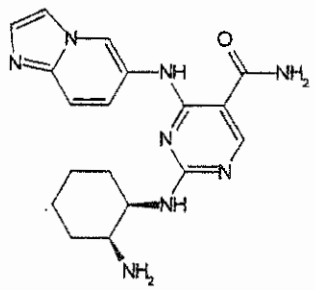
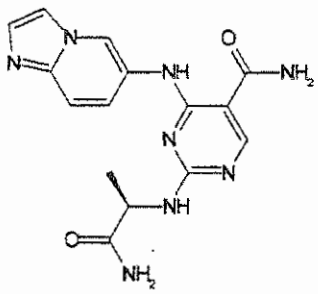
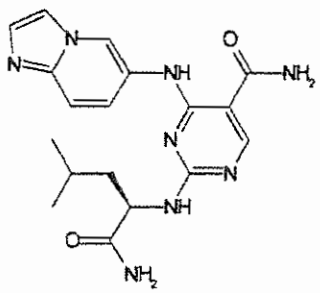
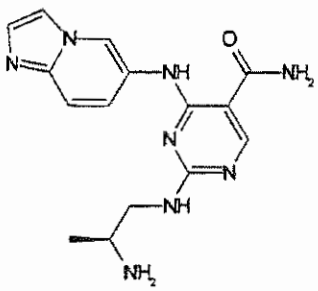
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1053		367.42	368.1		+++
1054		365.44	366.1		++++
1055		381.44	382.1		+++
1056		397.51	398.1		+++
1057		365.44	366.2		++++

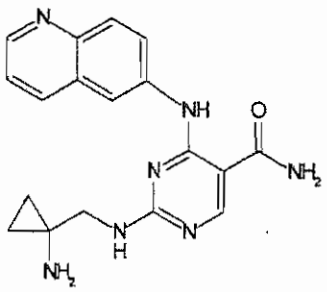
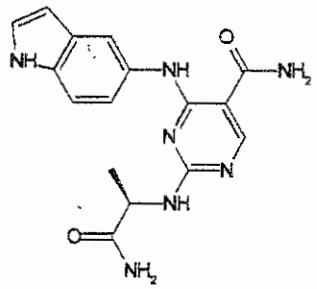
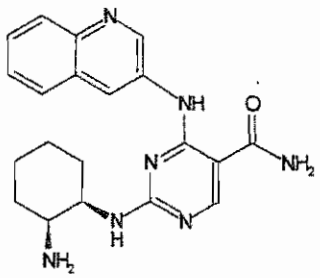
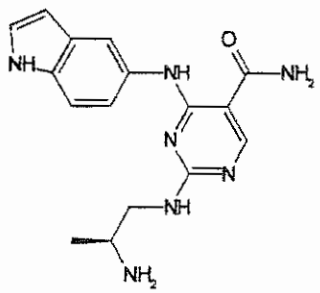
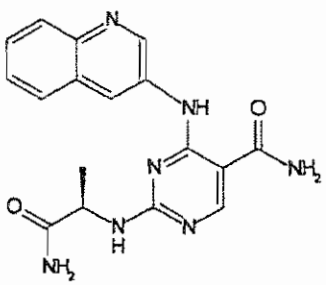
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1058		366.43	367.2		++++
1059		382.43	383.2		+++
1060		377.45	378.1 378.2 (M+1)		++++
1061		393.45	394.1 394.2 (M+1)		+++
1062		366.43	367.2		+++

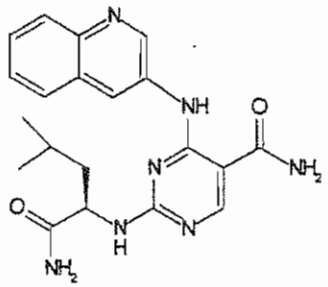
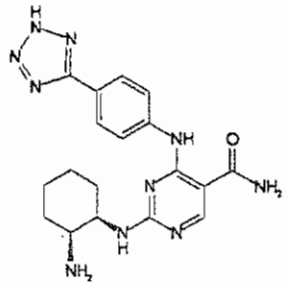
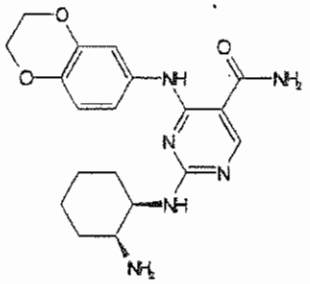
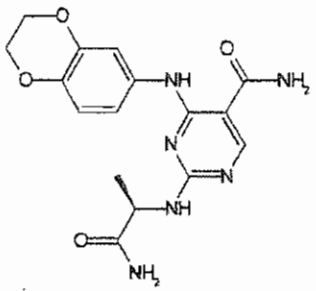
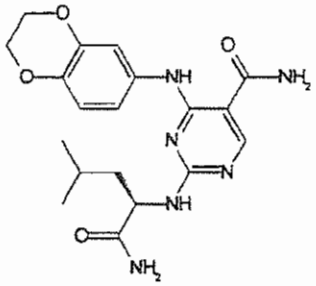
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1063		382.43	383.2		+++
1064		337.39	338.1 (M+1) 338.2 Turbo Spray MS [M+1]=338 Turbo Sprya MS [M+1]=338		+++
1065		326.36	327.2		+++
1066		340.35	341.2		+
1067		326.36	327.2		+++

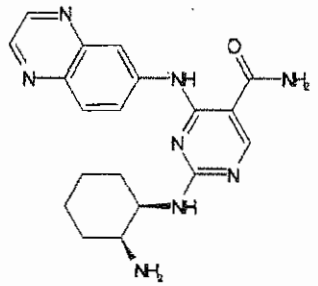
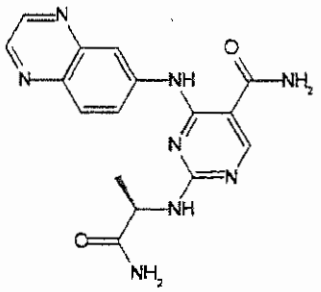
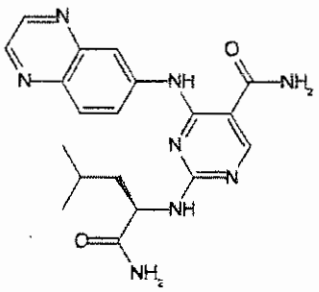
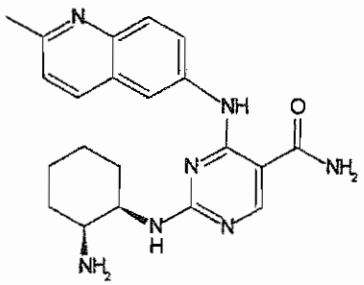
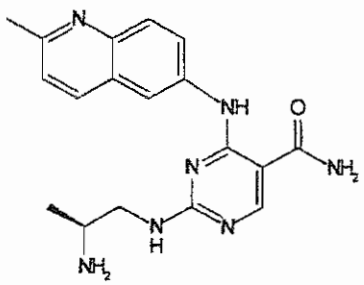
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1068		309.33	310.2		+
1069		309.33	310.2		+
1070		367.41	368.2		+
1071		367.41	368.2		+
1072		343.41	344.2 Turbo Spray MS [M+1]=344		+++

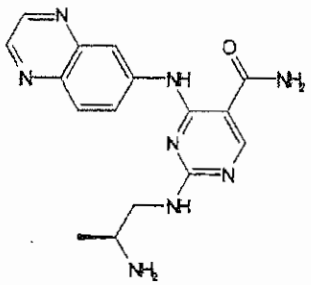
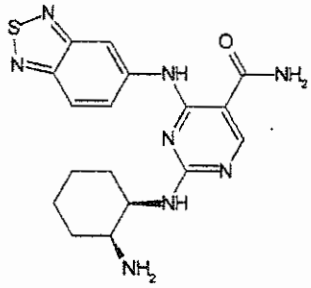
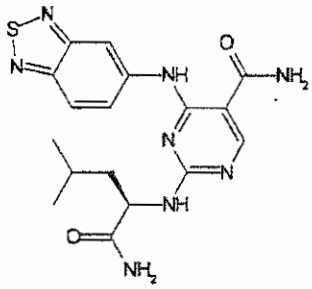
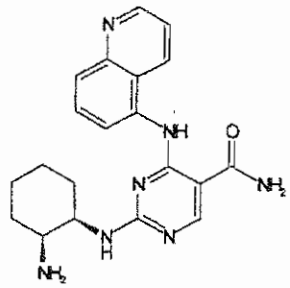
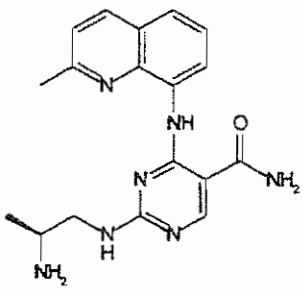
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1073		357.4	358.2		+
1074		383.48	384.2		+++
1075		343.41	344.2 Turbo Spray MS [M+1]=344		+++
1076		357.4	358.2		+
1077		399.48	400.2		+++

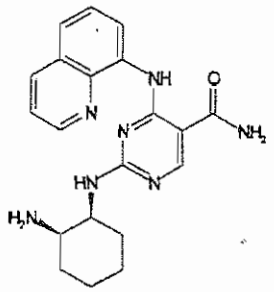
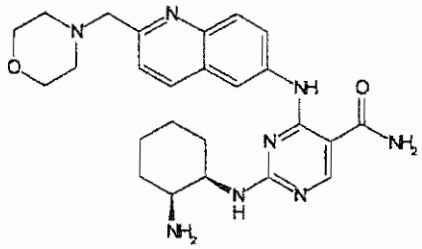
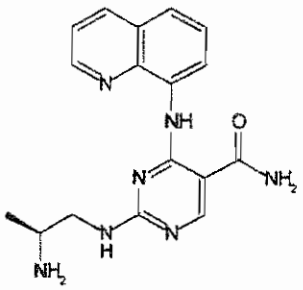
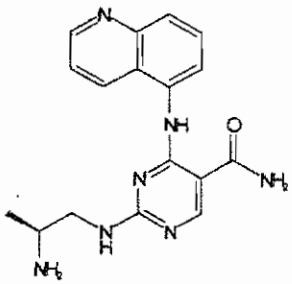
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1078		351.37	352.1 (M+1)		+++
1079		366.43	367.1		+++
1080		340.35	341.1		+
1081		382.43	383.1		+++
1082		326.36	327.1		+

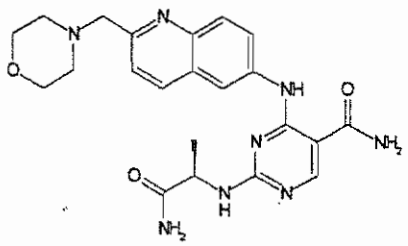
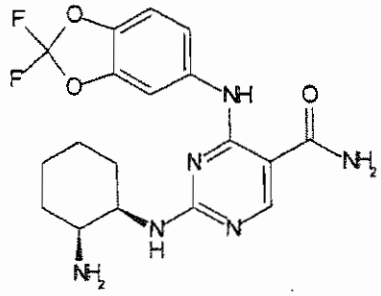
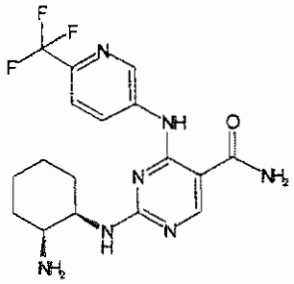
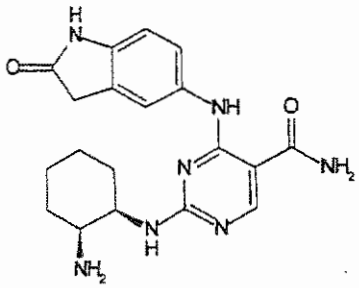
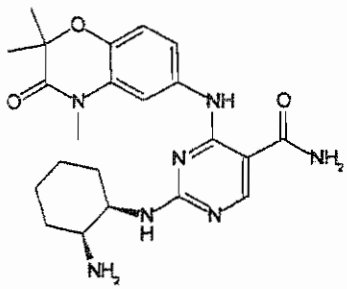
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1083		349.4	350.1 (M+1) 350.21 (M+1)		+++
1084		339.36	340.1		+
1085		377.45	378.2 (M+1)		+++
1086		325.38	326.1		+++
1087		351.37	352.1 (M+1)		+++

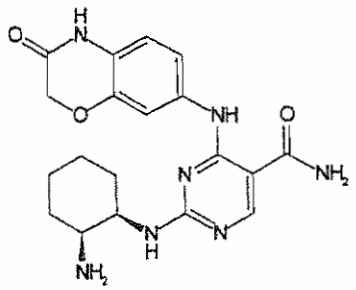
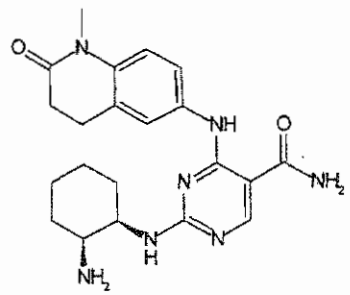
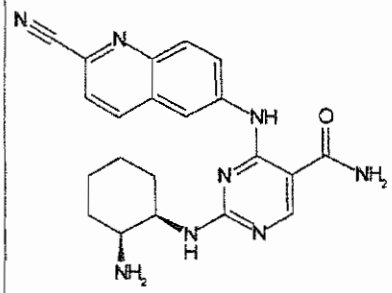
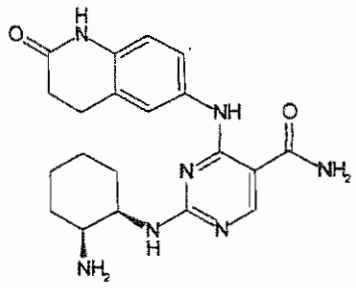
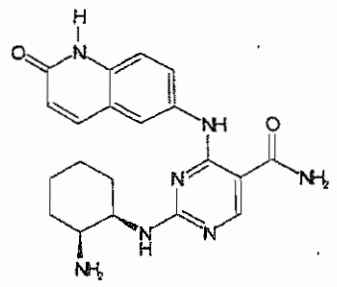
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1088		393.45	394.2 (M+1)		+++
1089		394.44	MS: 395.2 (M + H)		+++
1090		384.44	385.1		+++
1091		358.36	359.1		+
1092		400.44	401.1		+

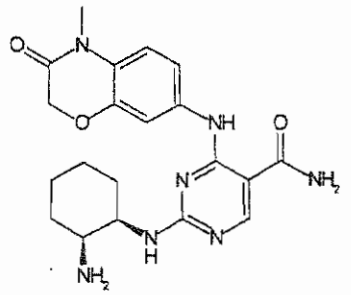
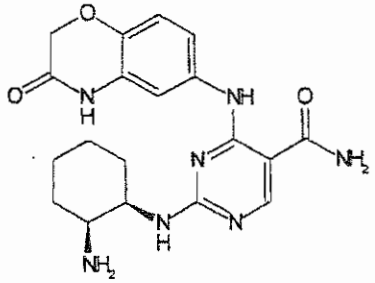
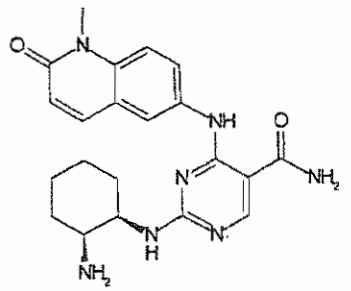
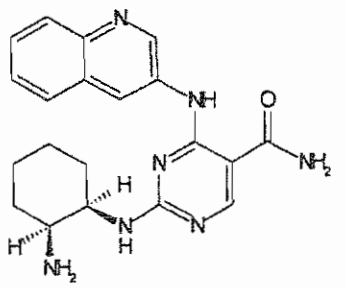
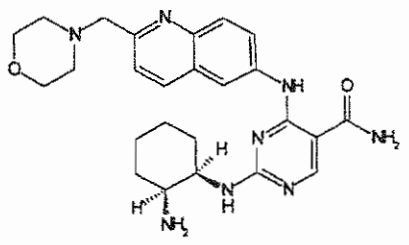
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1093		378.44	379.2		+++
1094		352.36	353.2		+
1095		394.44	395.2		+++
1096		391.48	392.2 (M+1)		+++
1097		351.41	352.1 (M+1)		+++

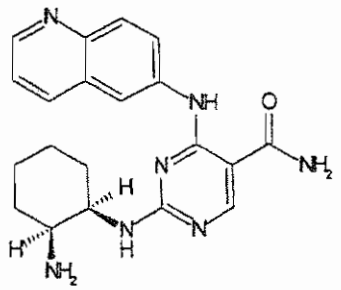
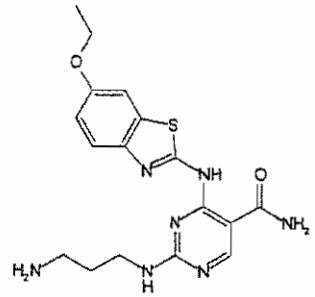
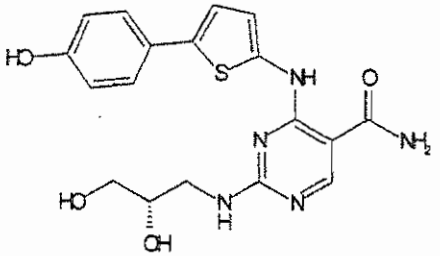
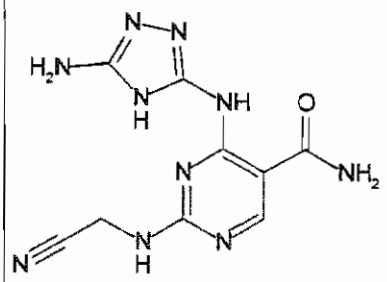
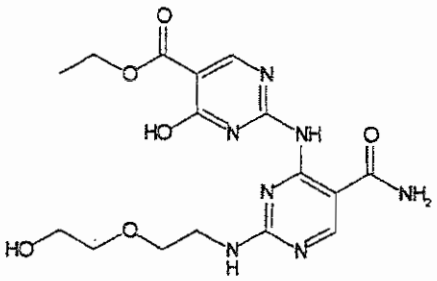
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1098		338.38	339.1		+
1099		384.47	385.1		+
1100		400.47	406.1		+
1101		377.45	378.34		+++
1102					+

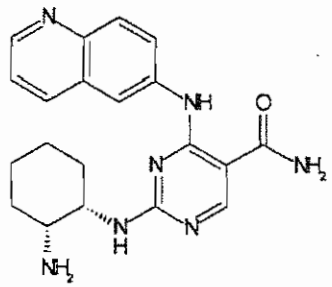
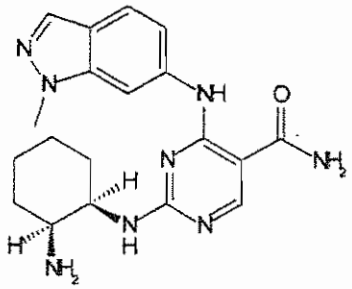
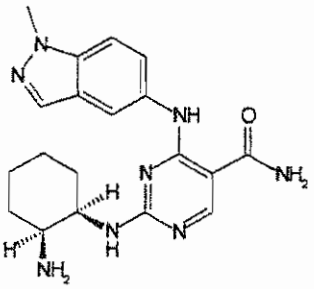
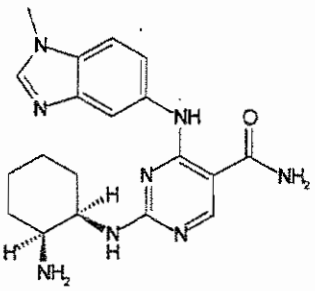
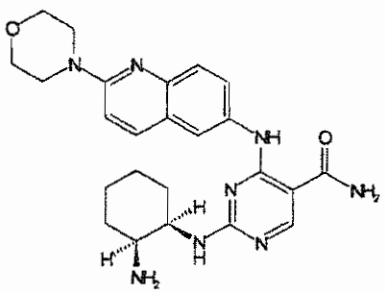
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1103		377.45	378.34 (M+1)		+
1104		476.59	477.40 (M+1)		+++
1105					
1106		337.39	338.27 (M+1)		+
1107		337.39	338.23 (M+1)		+++

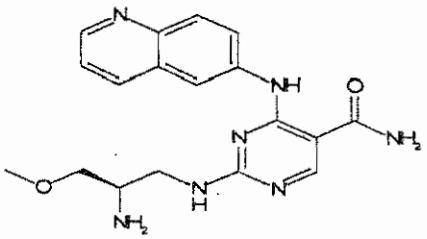
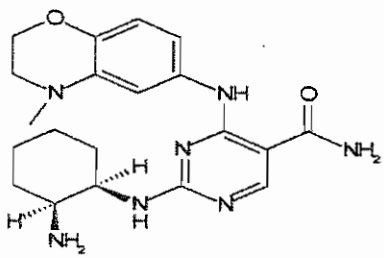
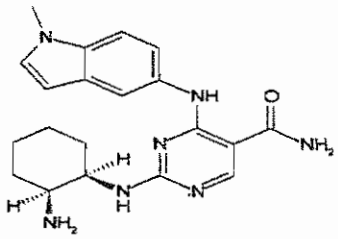
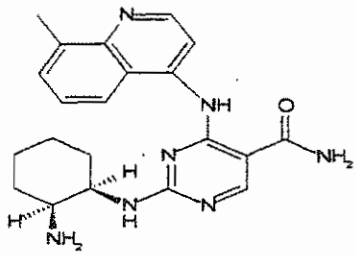
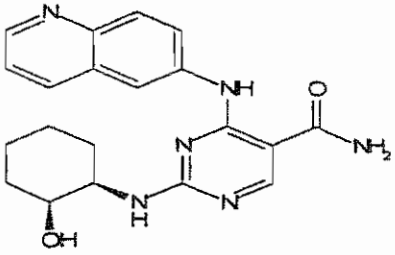
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1108		450.5	451.35 (M+1)		+++
1109		406.39	407.28 (M+1)		+
1110		395.39	396.27 (M+1)		++
1111		381.44	382.35 (M+1)		+++
1112		439.52	440.38 (M+1)		++

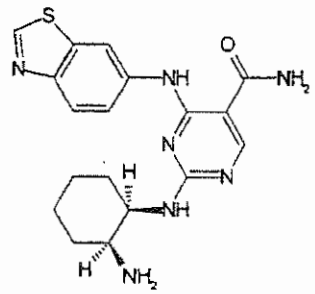
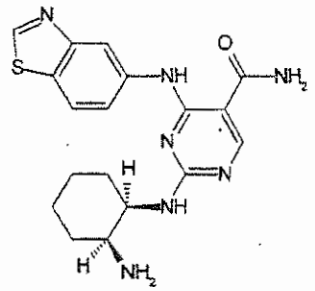
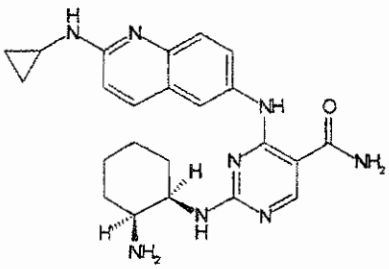
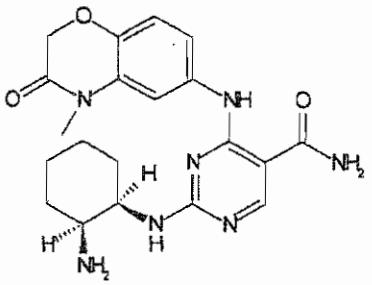
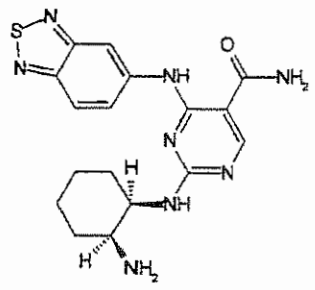
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1113		397.44	398.31 (M+1)		+++
1114		409.49	410.36 (M+1)		+++
1115		402.46	403.32 (M+1)		+++
1116		395.47	396.35 (M+1)		++++
1117		393.45	394.14 (M+1)		++++

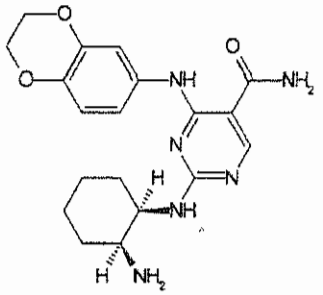
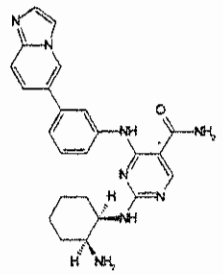
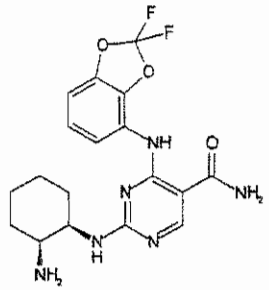
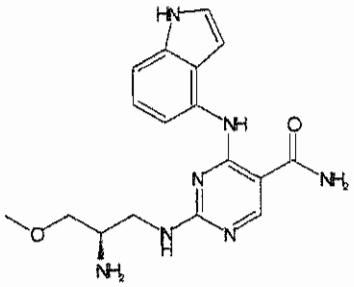
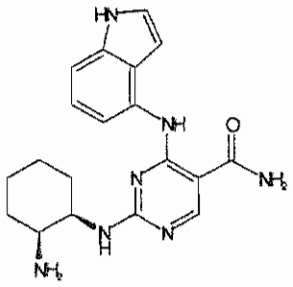
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1118		411.47	412.5 (M+1)		+++
1119		397.44	398.5 (M+1)		+
1120		407.48	408.6 (M+1)		+++
1121		377.45	378.5 (M+1)		+++
1122		476.59	477.6 (M+1)		+++

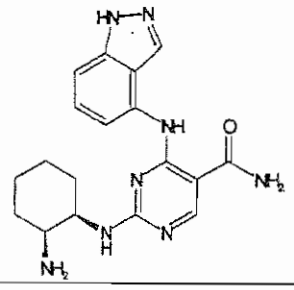
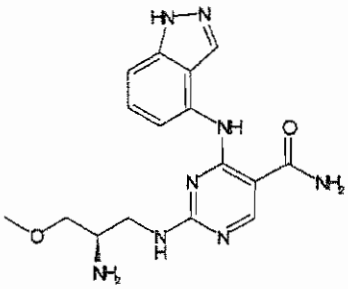
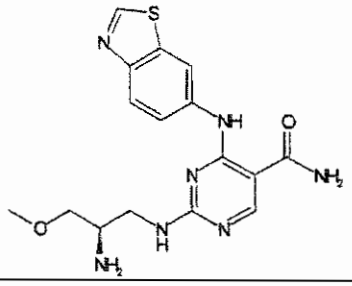
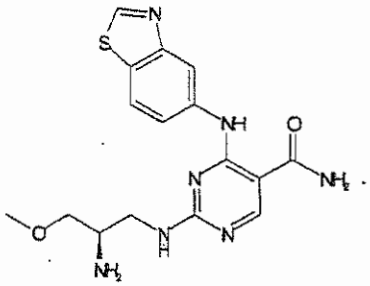
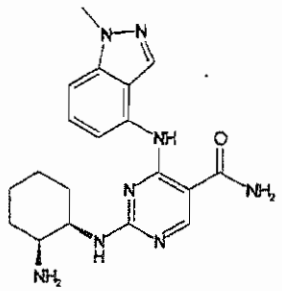
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1123		377.45	378.2 (M+1) 378.5 (M+1) 378.6 (M+1)		++++
1124				259	+
1125		401.45	Turbo Spray MS [M+1]=402	2462.	+
1126		274.25	MS+ 275		+
1127					+

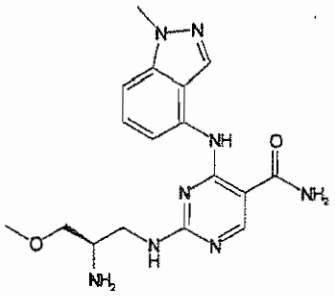
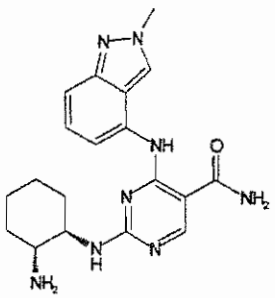
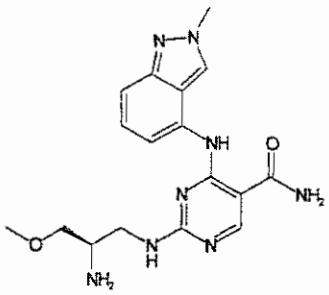
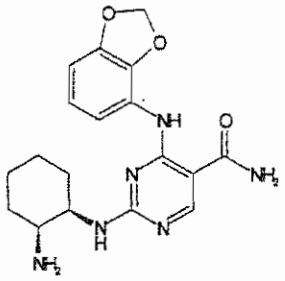
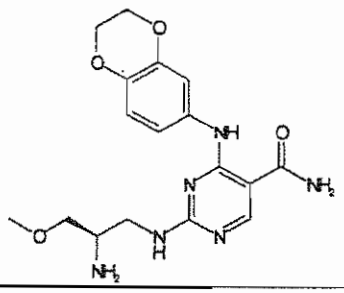
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1128		377.45	378.2 (M+1) ES(+) MS [M+1]=378		+
1129		380.46	381.17 (M+1)		++++
1130		380.46	381.17 (M+1)		++++
1131		380.46	381.17 (M+1)		+++
1132		462.56	463.32 (M+1)		+++

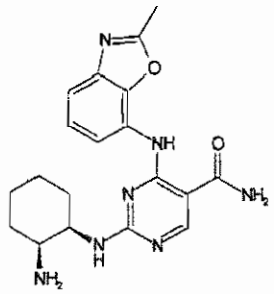
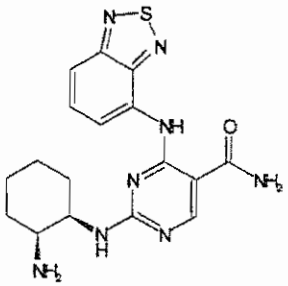
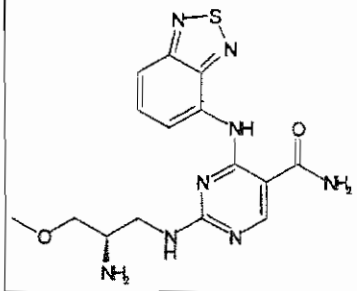
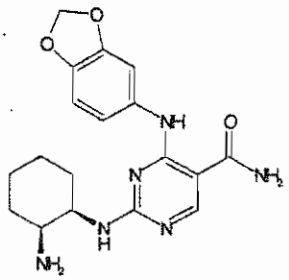
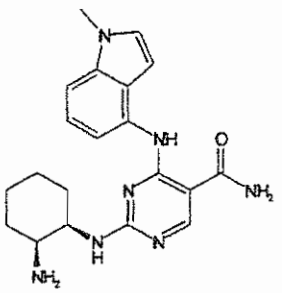
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1133		367.41	368.16 (M+1)		+++
1134		397.48	398.2 (M+1)		+++
1135		379.47	380.4 (M+1)		+++
1136		391.48	392.2 (M+1)		+++
1137		378.44	379.1 (M+1)		+

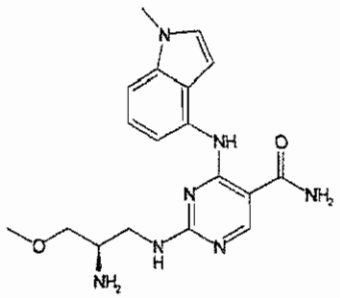
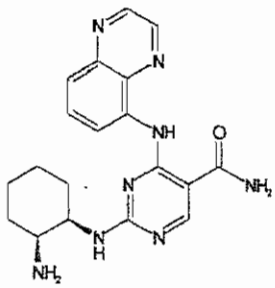
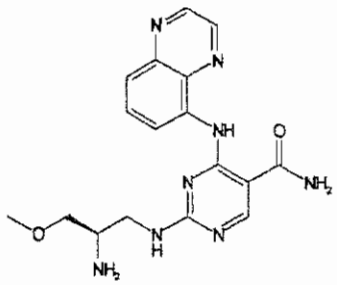
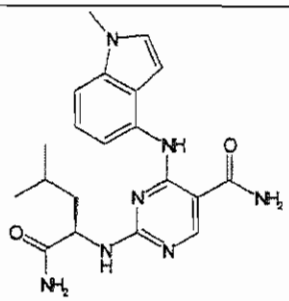
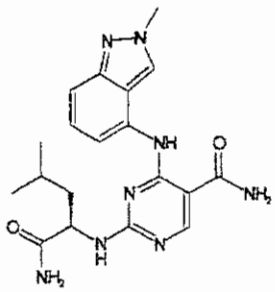
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1138		383.48	384.3		++++
1139		383.48	384.3		+++
1140		432.53	433.2 (M+1)		++++
1141		411.47	412.2 (M+1)		+
1142		384.47	385.2		+++

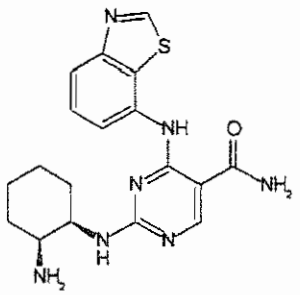
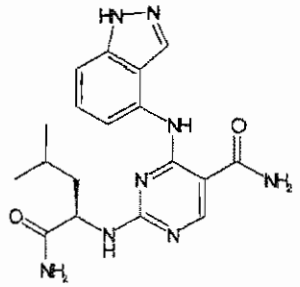
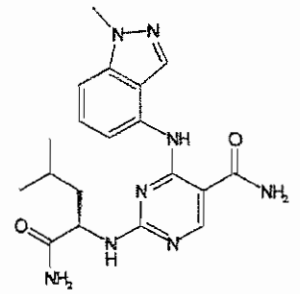
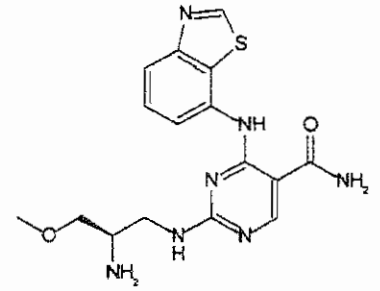
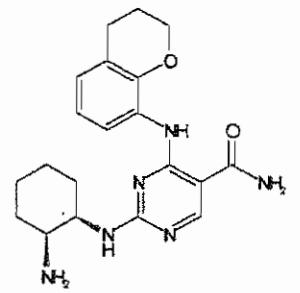
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1143		384.44	385.3		+++
1144					+++
1145					+
1146		355.4	356.4		++++
1147		365.44	366.3, 367.4		+++++

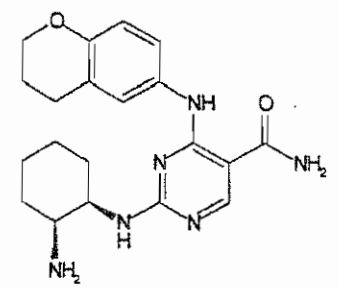
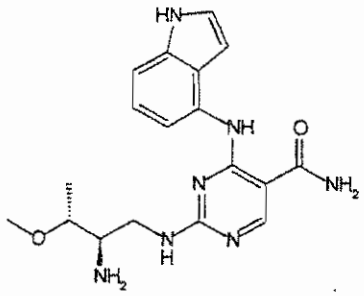
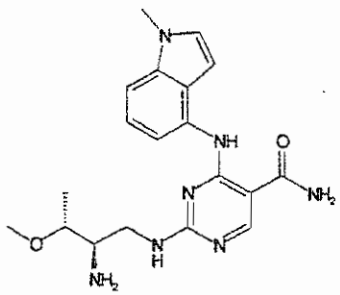
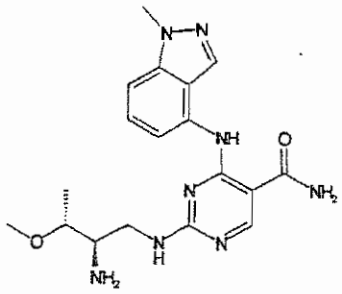
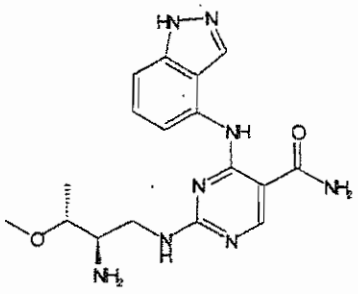
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1148		366.43	367.4		++++
1149		356.39	357.3		+++
1150		373.44	374.3		+++
1151		373.44	374.3		+
1152		380.46	381.3		+++

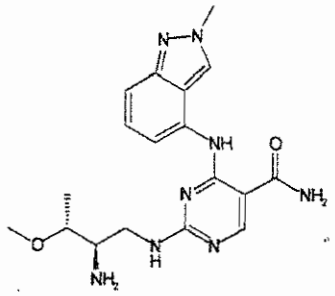
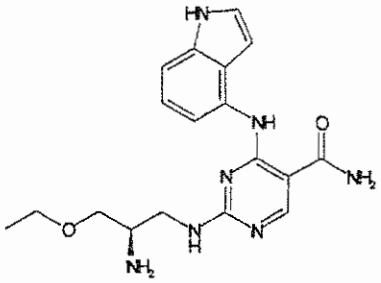
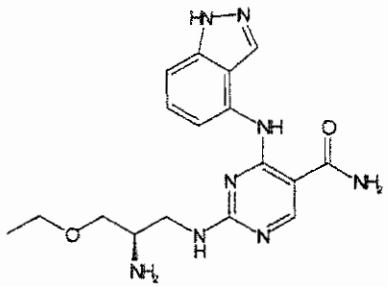
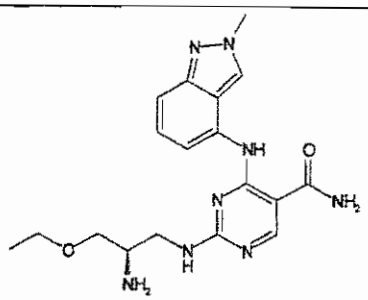
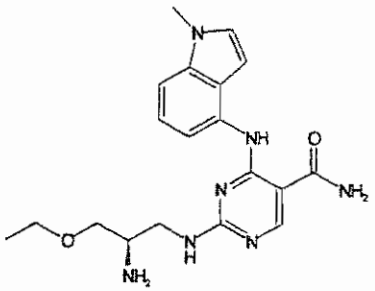
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1153		370.42	371.5		+++
1154		380.46	381.5		++++
1155		370.42	371.3		++++
1156		370.41	ES (+) MS [M+1]=371	244	+++
1157		374.4	375.3		+

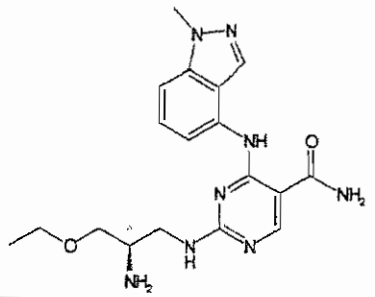
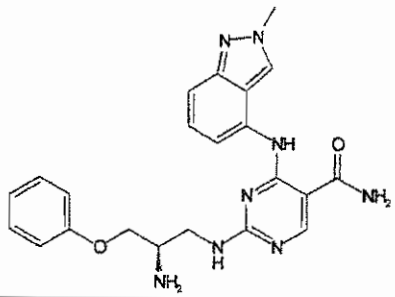
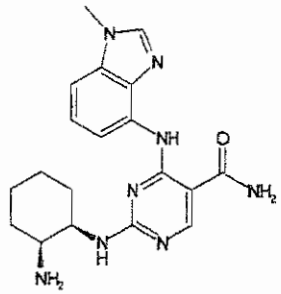
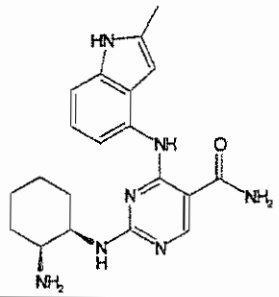
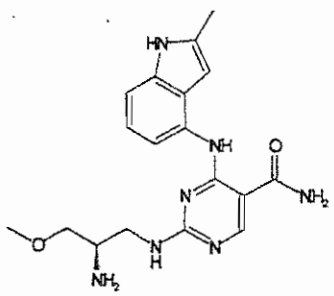
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1158		381.44	382.4		+
1159		384.47	385.3		+++
1160		374.43	375.2		+
1161		370.41	ES(+)MS [M+1]=371	237, 253	+++
1162		379.47	380.4		++++

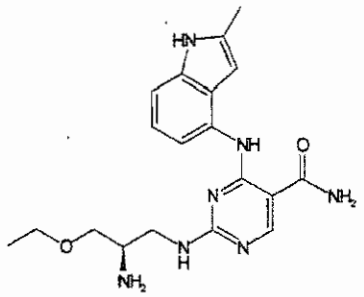
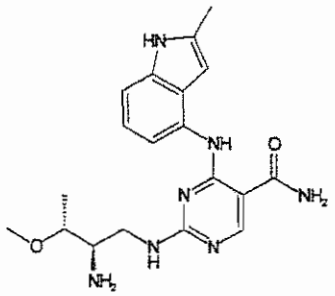
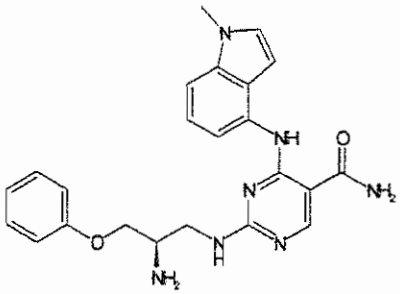
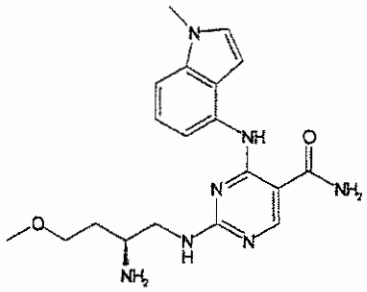
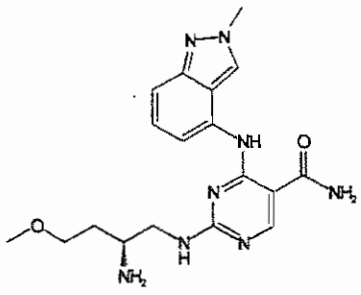
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1163		369.43	370.4		++++
1164		378.44	379.3		+++
1165		368.4	369.2, 370.1		+
1166		395.47	396.3		+++
1167		396.46	397.4		+++

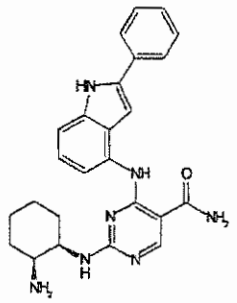
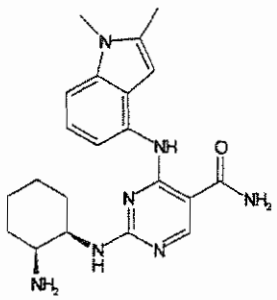
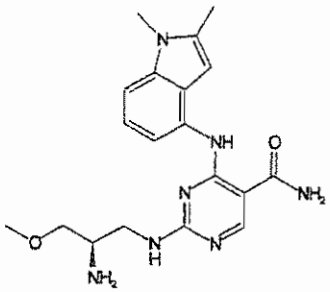
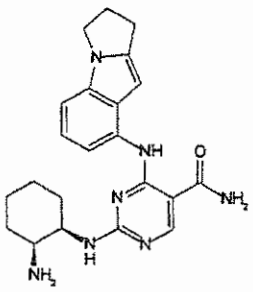
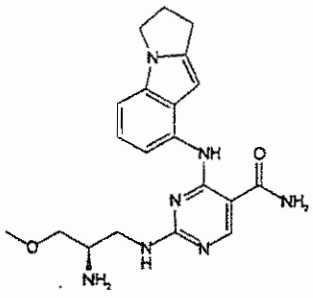
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1168		383.48	384.3		+++
1169		382.43	383.4, 384.3		+
1170		396.46	397.4		+
1171		373.44	374.3		+
1172		382.47	MS: 383.2 (M+H)		+

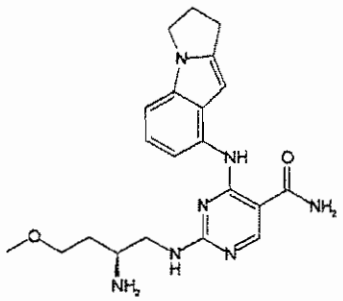
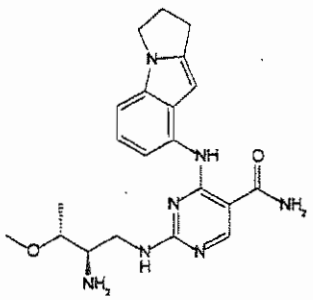
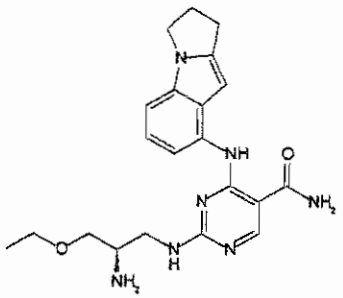
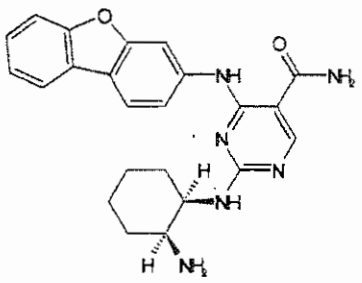
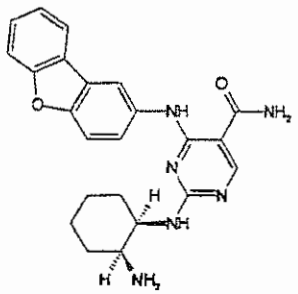
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1173		382.47	MS: 383.3 (M+H)		+++
1174		369.43	370.4		+++
1175		383.46	384 384.3		++++
1176		384.44	385.3		+
1177		370.42	371.4		+++

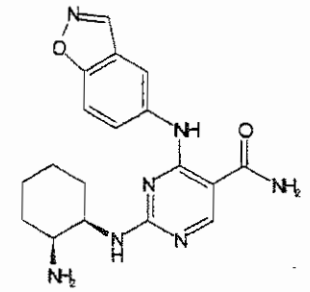
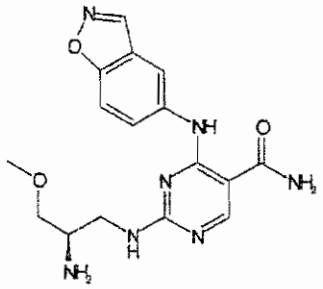
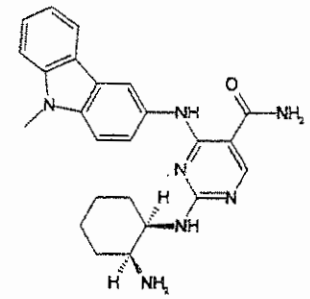
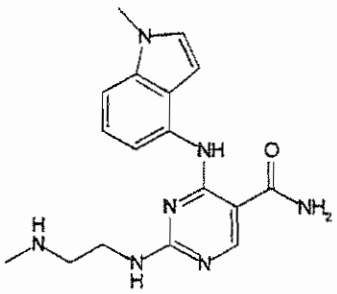
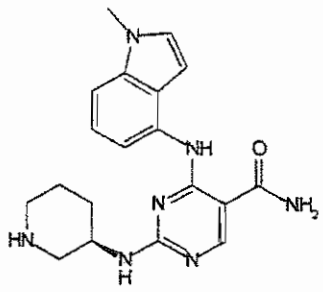
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1178		384.44	385.3, 386.4		+++
1179		369.43	370.3		++++
1180		370.42	371.3		+++
1181		384.44	385.4		+++
1182		383.46	384.3		++++

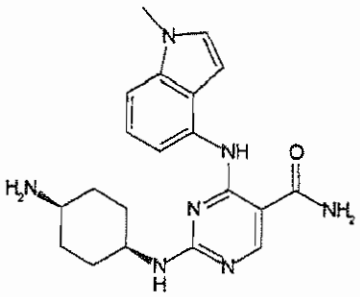
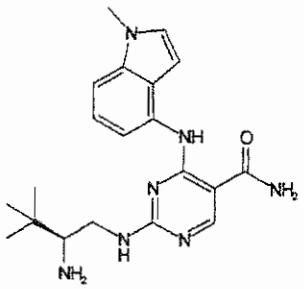
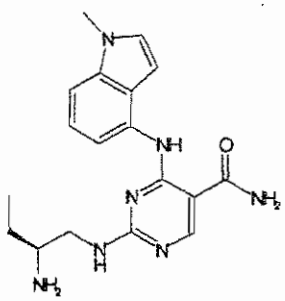
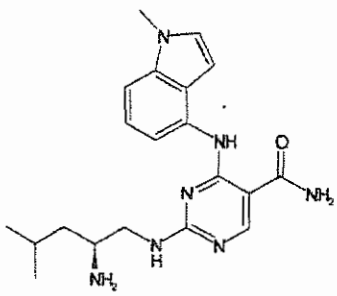
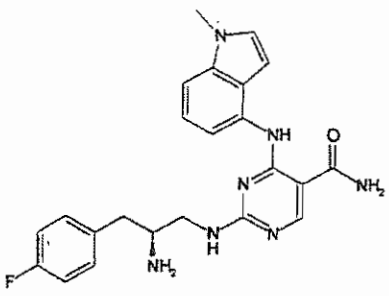
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1183		384.44	385.3		+++
1184		432.49	433.4		+++
1185		380.46	381.4		+
1186		379.47	380.4		++++
1187		369.43	370.4		+++

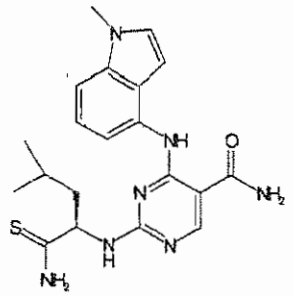
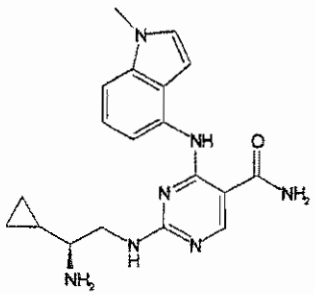
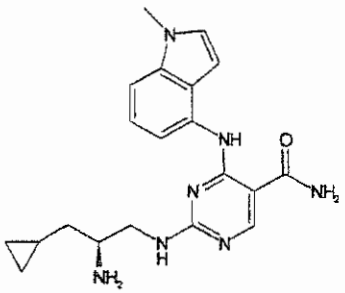
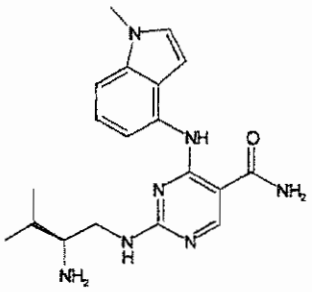
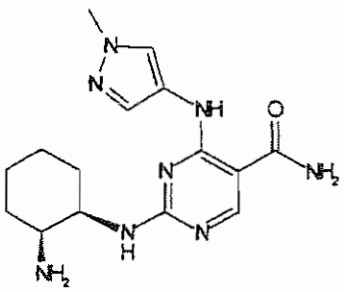
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1188		383.46	384.4		+++
1189		383.46	384.4		+++
1190		431.5	432.4		+++
1191		383.46	384.4		++++
1192		384.44	385.4		+++

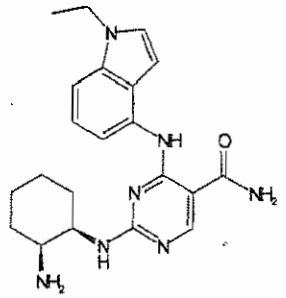
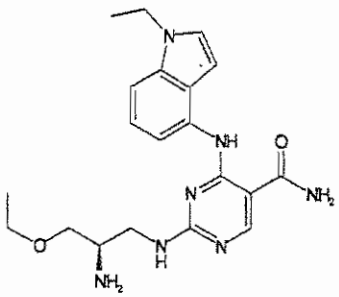
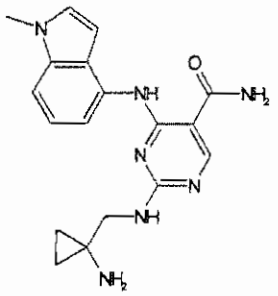
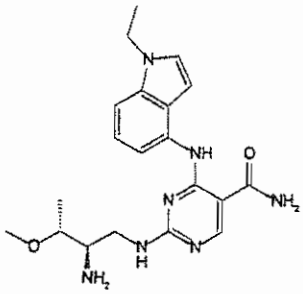
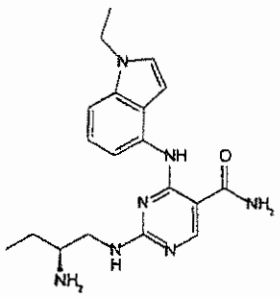
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1193		441.54	442.5		+
1194		393.5	394.4		+++
1195		383.46	384.4		+++
1196		405.51	406.5		++++
1197		395.47	396.4		++++

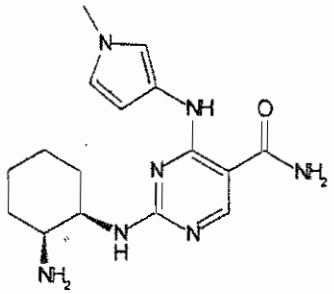
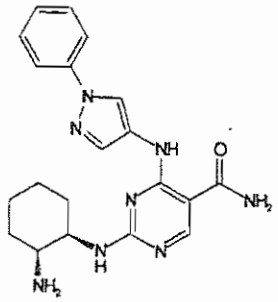
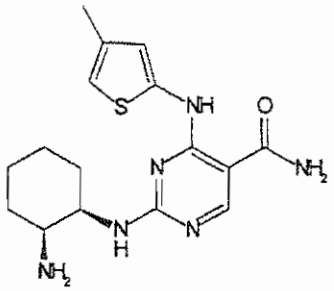
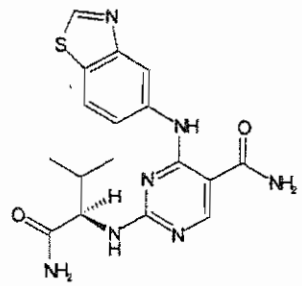
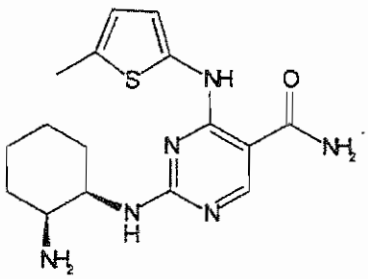
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1198		409.49	410.4		+++
1199		409.49	410.4		+++
1200		409.49	410.4		+++
1201		416.49	417.4		+++
1202		416.49	417.3		+++

Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1203		367.41	368.4		+++
1204		357.37	358.3		+
1205		429.53	430.3		+++
1206		339.4	340.4		+
1207		365.44	366.4		+

Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1208		379.47	380.4		+
1209		381.48	382.4, 383.5		+++
1210		353.43	354.4		++++
1211		381.48	382.4		+++
1212		433.49	434.5		+

Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1213		411.53	412.4		+
1214		365.44	366.4		++++
1215		379.47	9 mg		++++
1216		367.46	368.4		++++
1217		330.4	331.4		+

Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1218		393.5	394.4		++++
1219		397.48	398.4		++++
1220		351.41	352.3		++++
1221		397.48	398.4		++++
1222		367.46	368.4		++++

Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1223		329.41	330.3		+
1224		392.47	393.4		+++
1225		346.46	347.3		++++
1226		385.45	386.4		+
1227		346.46	347.3		+++

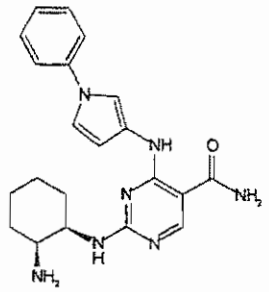
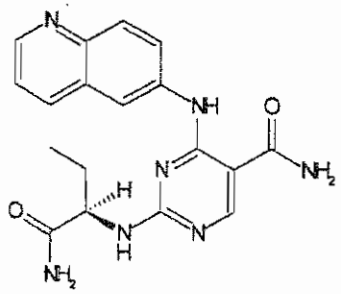
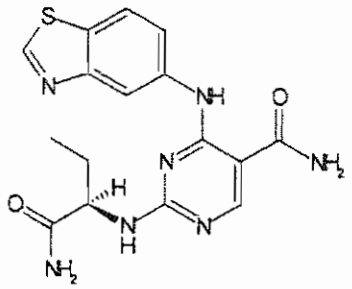
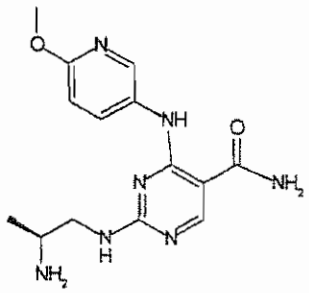
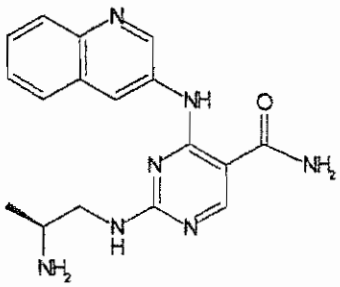
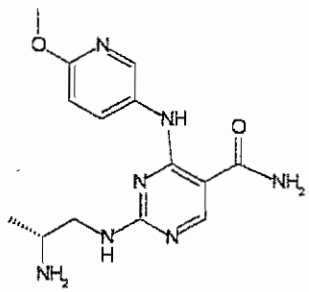
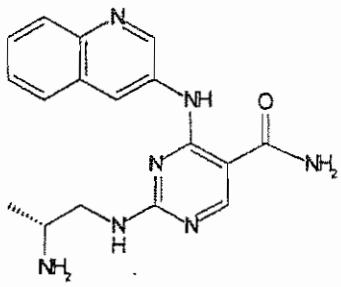
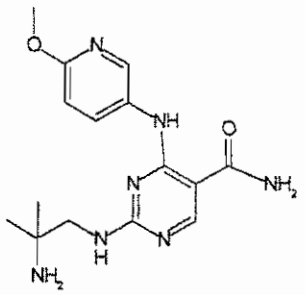
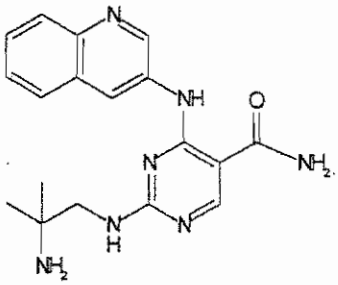
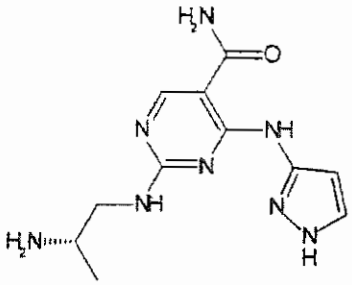
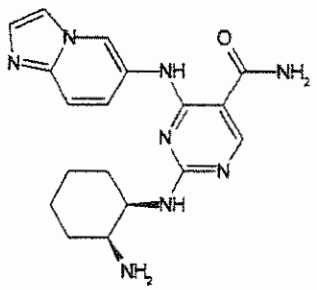
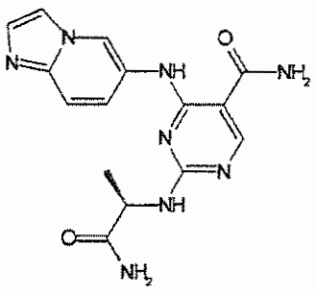
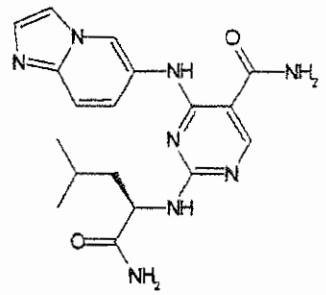
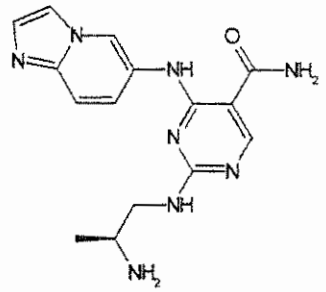
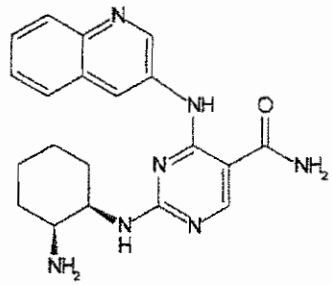
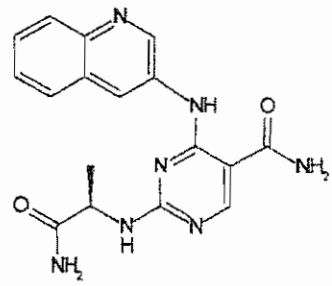
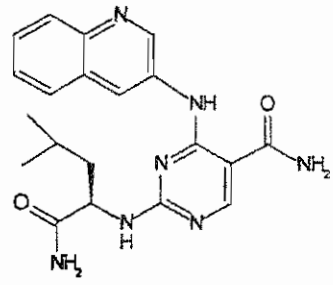
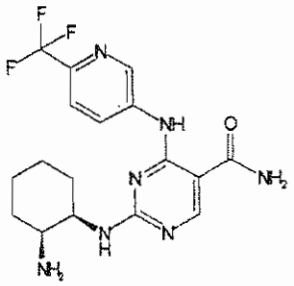
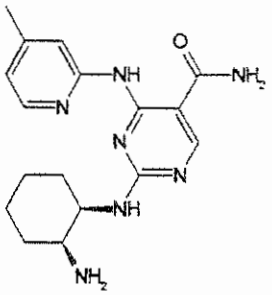
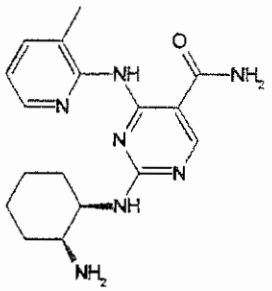
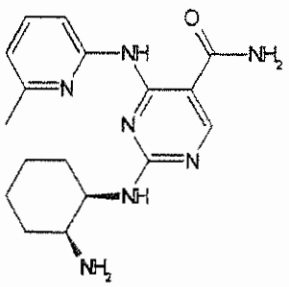
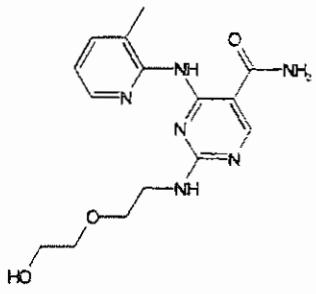
Example No.	Structure	MW	MH+	UV	Syk IC50 Code
1228		391.48	392.4		+++
1229		365.4	366.2		+++
1230		371.42	372.4		+

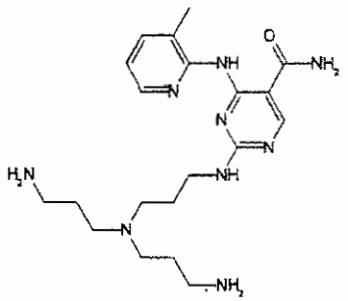
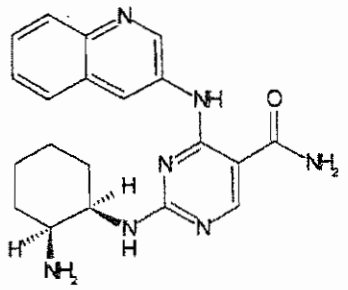
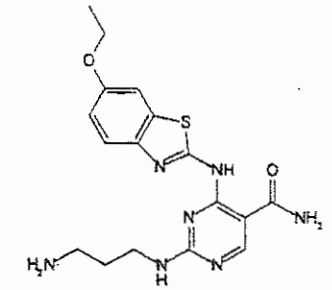
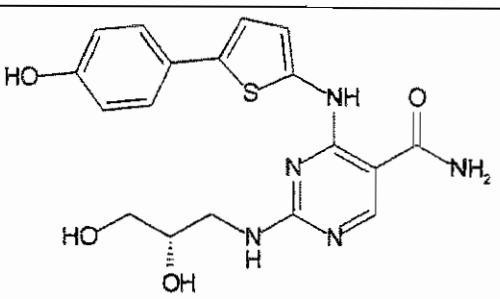
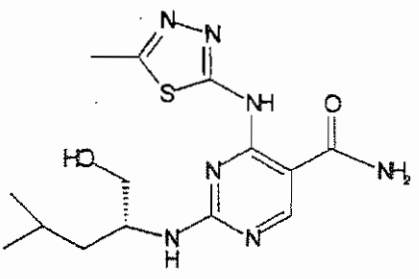
FIG. 7A

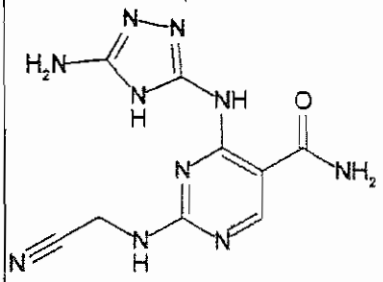
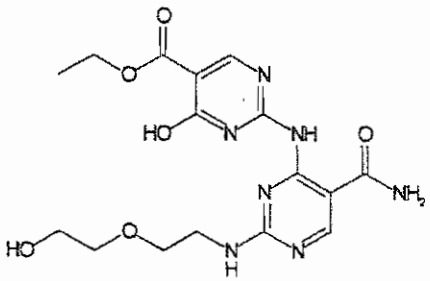
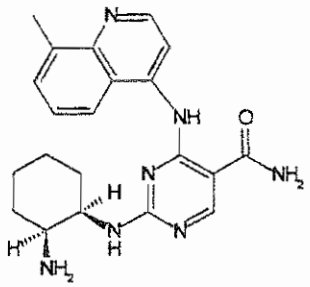
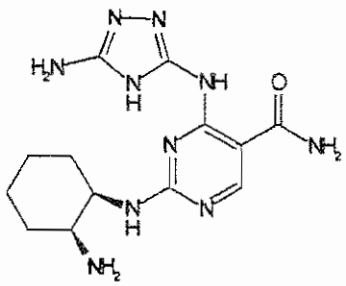
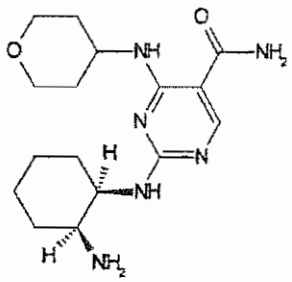
Example No.	Structure	MW	MH+	Syk IC50 Code
1231		317.353		+
1232		337.387	338.2 (M+1)	+++
1233		317.353		+
1234		337.387		+

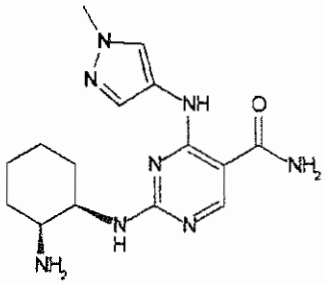
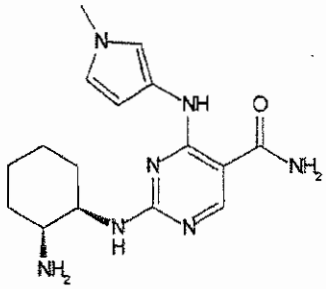
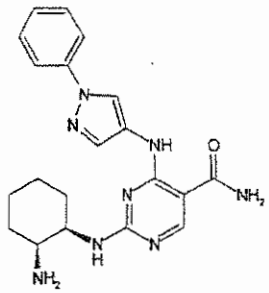
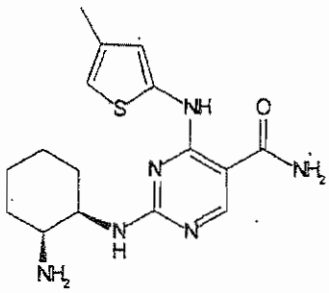
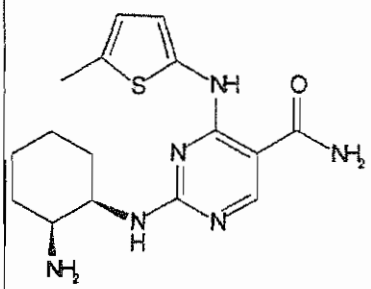
Example No.	Structure	MW	MH+	Syk IC50 Code
1235		331.38		+
1236		351.414		+
1237		276.304		+
1238		366.429	367.1	+++
1239		340.347	341.1	++

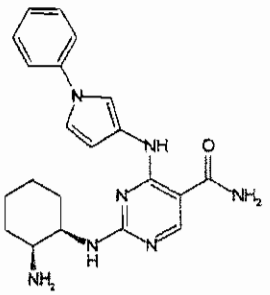
Example No.	Structure	MW	MH+	Syk IC50 Code
1240		382.428	383.1	+++
1241		326.364	327.1	++
1242		377.452	378.2 (M+1)	+++
1243		351.37	352.1 (M+1)	+++
1244		393.451	394.2 (M+1)	+++

Example No.	Structure	MW	MH+	Syk IC50 Code
1245		395.389	396.27 (M+1)	++
1246		341.419	342.2	+
1247		341.419	342.2	+
1248		341.419	342.1	+
1249		332.364	333.1	+

Example No.	Structure	MW	MH+	Syk IC50 Code
1250		415.546	416.1	+
1251		377.452	378.5 (M+1)	+++
1252		387.466	Turbo Spray MS [M+1]=388	+
1253		401.445	Turbo Spray MS [M+1]=402	++
1254		351.433	MS+ 352	+

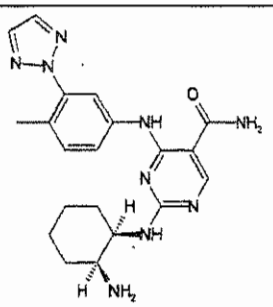
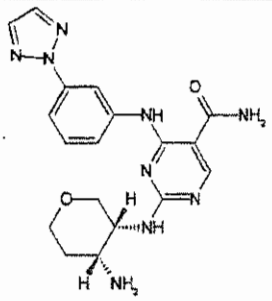
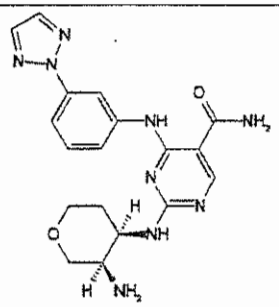
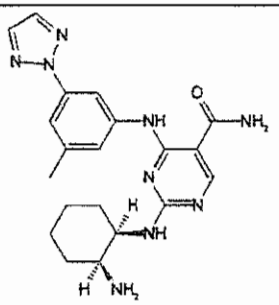
Example No.	Structure	MW	MH+	Syk IC50 Code
1255		274.248	MS+ 275	++
1256		407.387	MS+ 408	+
1257		391.479	392.2 (M+1)	+++
1258		332.372	MS+ 333	+
1259		334.424	335.3	+

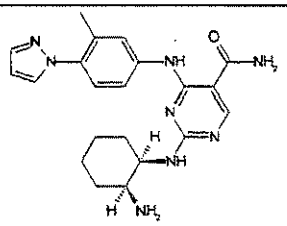
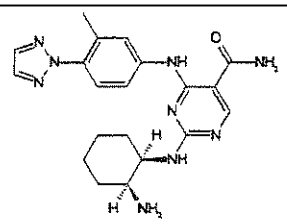
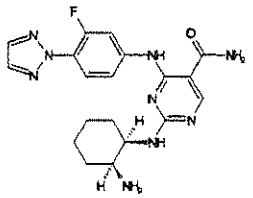
Example No.	Structure	MW	MH+	Syk IC50 Code
1260		330.396	331.4	++
1261		329.408	330.3	++
1262		392.467	393.4	+++
1263		346.457	347.3	++++
1264		346.457	347.3	+++

Example No.	Structure	MW	MH+	Syk IC50 Code
1265		391.479	392.4	++++

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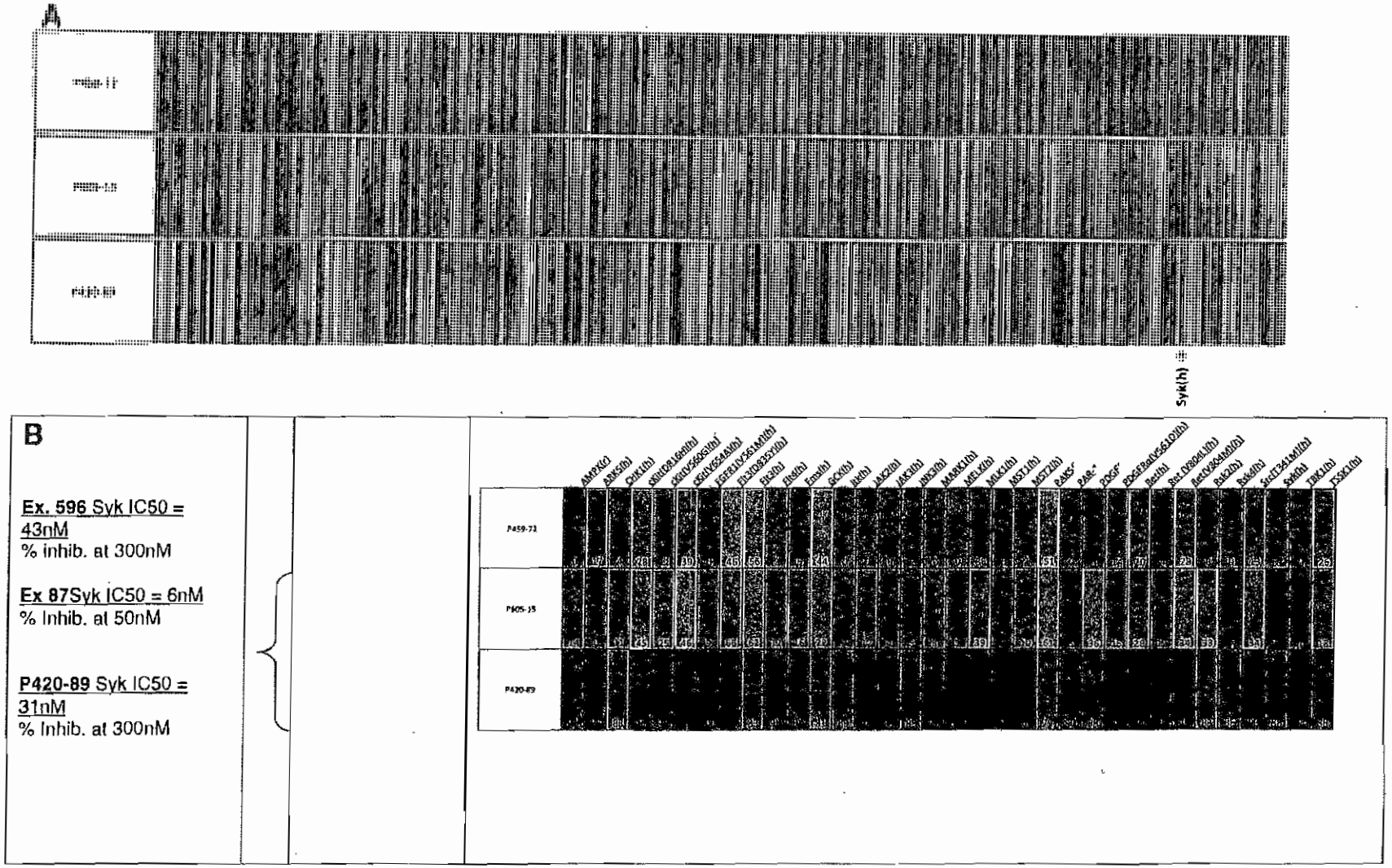
FIG. 7B

Example No.	Structure	Syk IC50 Code
1266		++++
1267		+
1268		+++
1269		++++

Example No.	Structure	Syk IC50 Code
1270		++
1271		+++
1272		+++

61909120 v1

FIG. 9


A
Syk(h)
B
Ex. 596 Syk IC50 = 43nM
% inhib. at 300nM
Ex 87Syk IC50 = 6nM
% Inhib. at 50nM
P420-89 Syk IC50 = 31nM
% Inhib. at 300nM

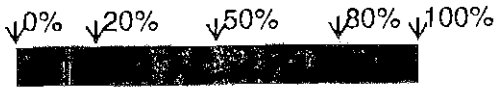


FIG. 9C

FIG. 10

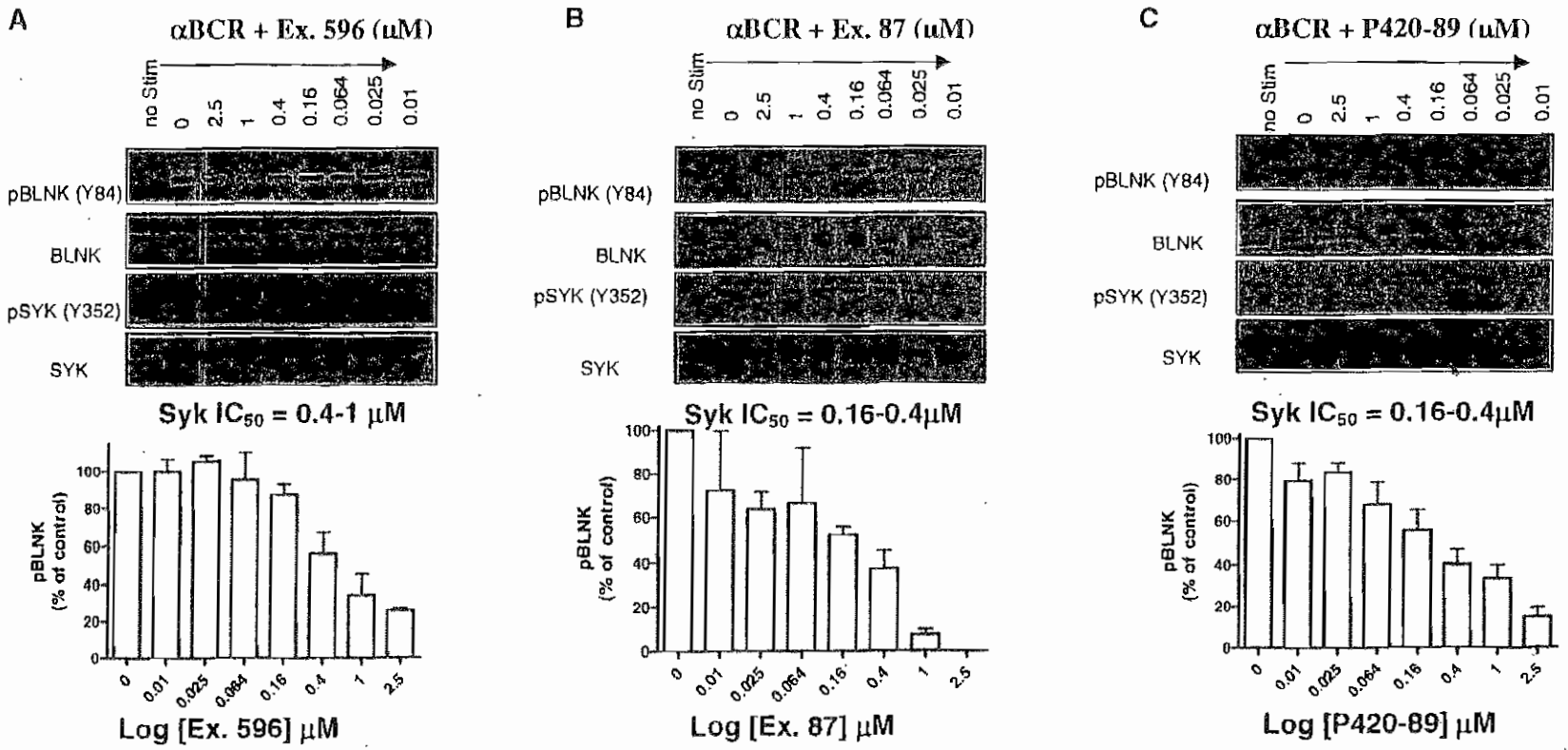
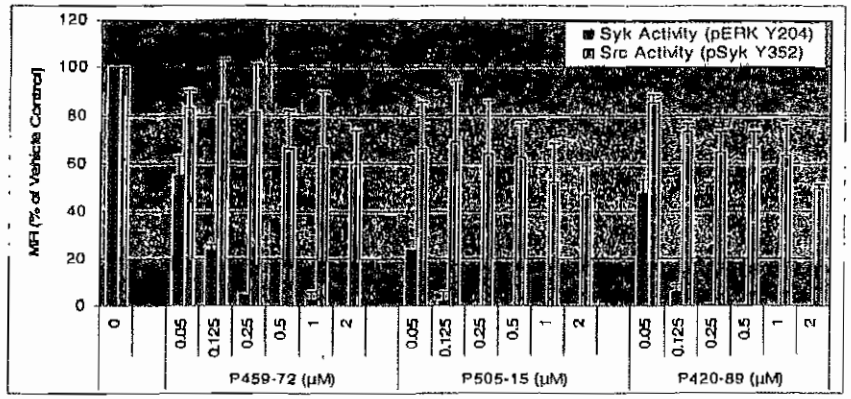

A
αBCR + Ex. 596 (uM)
no Stim
0
2.5
1
0.4
0.16
0.064
0.025
0.01
pBLNK (Y84)
BLNK
pSYK (Y352)
SYK
Syk IC50 = 0.4-1 μM
pBLNK (% of control)
Log [Ex. 596] μM
B
αBCR + Ex. 87 (uM)
pBLNK (Y84)
BLNK
pSYK (Y352)
SYK
Syk IC50 = 0.16-0.4μM
pBLNK (% of control)
Log [Ex. 87] μM
C
αBCR + P420-89 (uM)
pBLNK (Y84)
BLNK
pSYK (Y352)
SYK
Syk IC50 = 0.16-0.4μM
pBLNK (% of control)
Log [P420-89] μM

FIG. 11

BCR Signaling



IL-4 Signaling

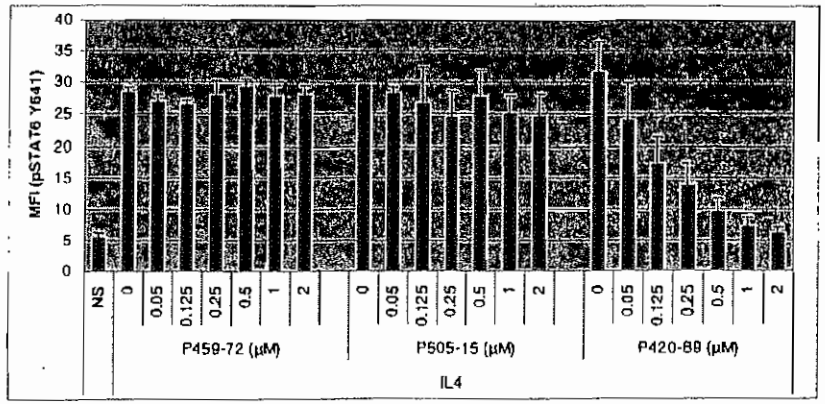


FIG. 12

A

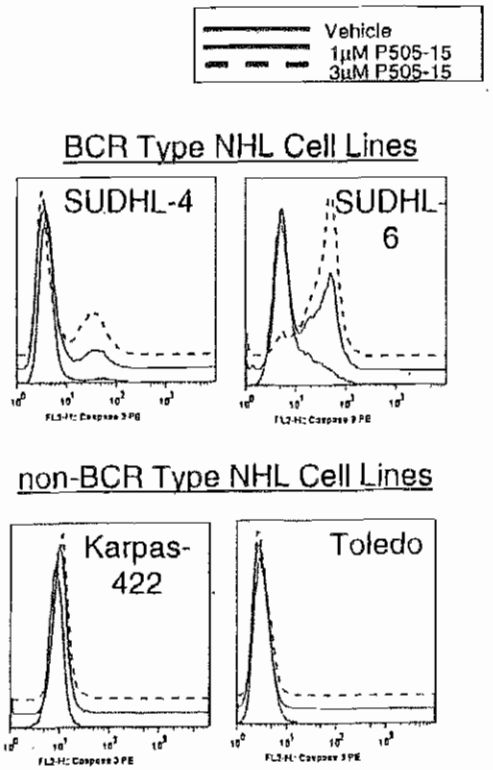
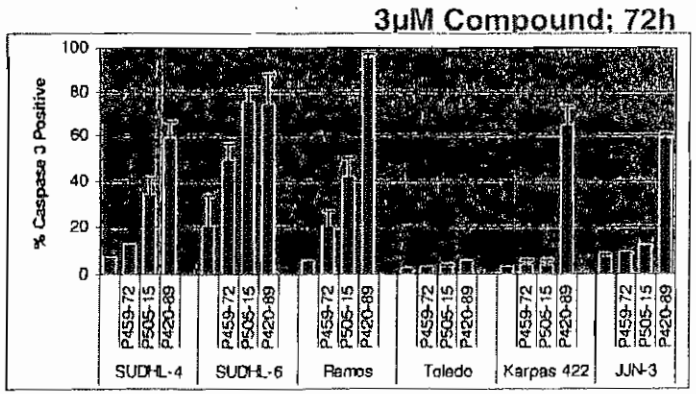

Vehicle
1μM P505-15
3μM P505-15
BCR Type NHL Cell Lines
SUDHL-4
SUDHL-6
non-BCR Type NHL Cell Lines
Karpas-422
Toledo

FIG. 12 (cont.)

B



C

	IC50 (μM) mean + SD		
Compound	SUDHL-4	SUDHL-6	Toledo
Example 596(Syk)	5.4 ± 1.8	2.6 ± 1.4	38 ± 19
Example 87(Syk)	1.8 ± 0.7	1.1 ± 0.4	9.3 ± 4.0
Example x (Syk/JAK)	1.8 ± 0.6	0.9 ± 0.3	9.3 ± 5.4

FIG. 13

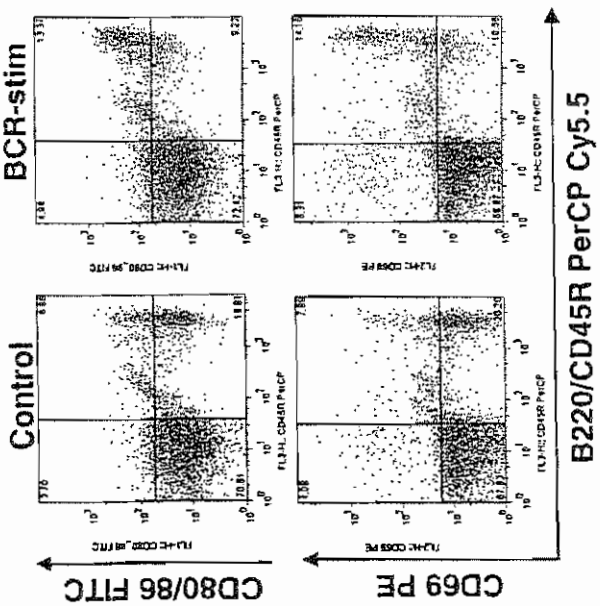
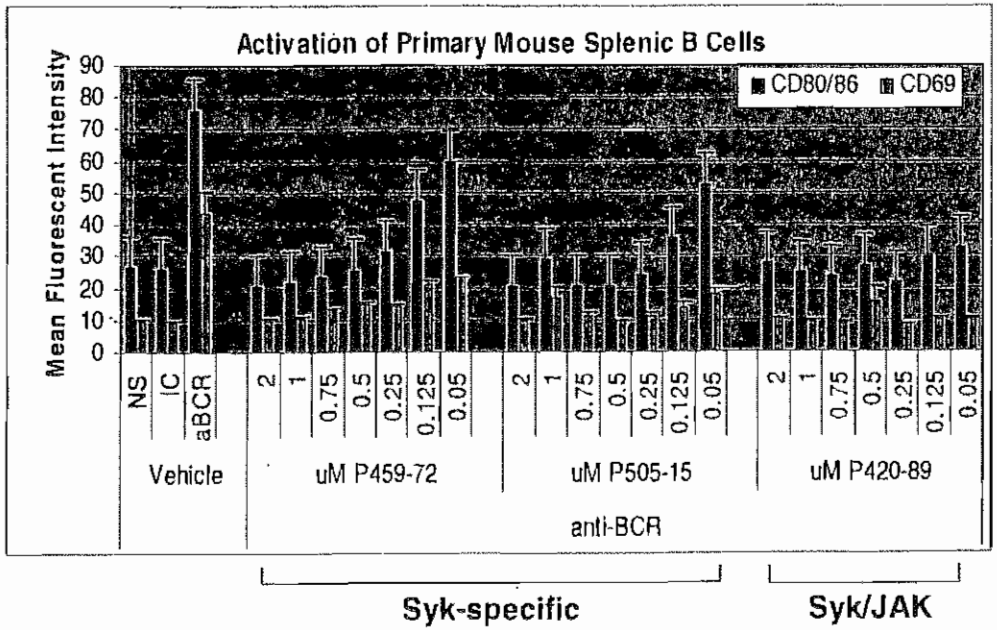


FIG. 13 (cont.)


Activation of Primary Mouse Splenic B Cells
Mean Fluorescent Intensity
CD80/86
CD69
NS
IC
aBCR
Vehicle
uM P459-72
uM P505-15
uM P420-89
anti-BCR
Syk-specific
Syk/JAK

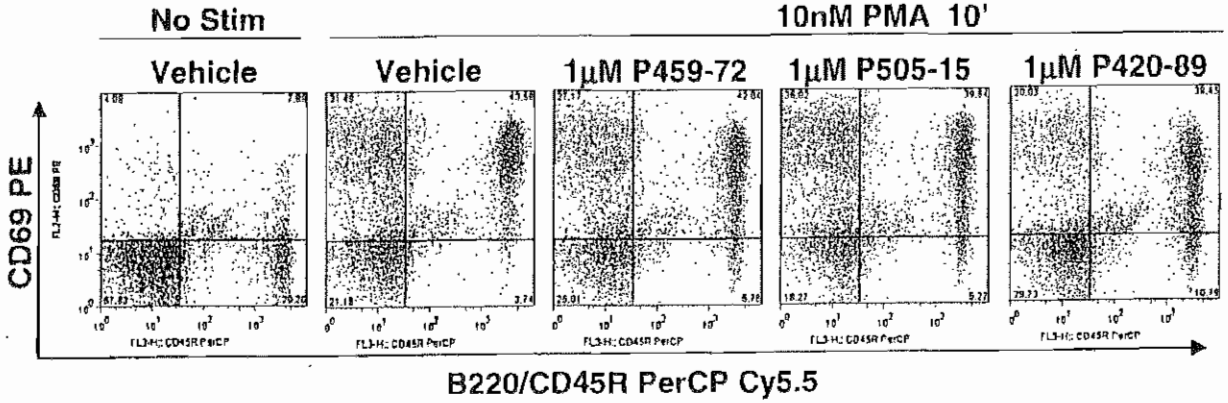
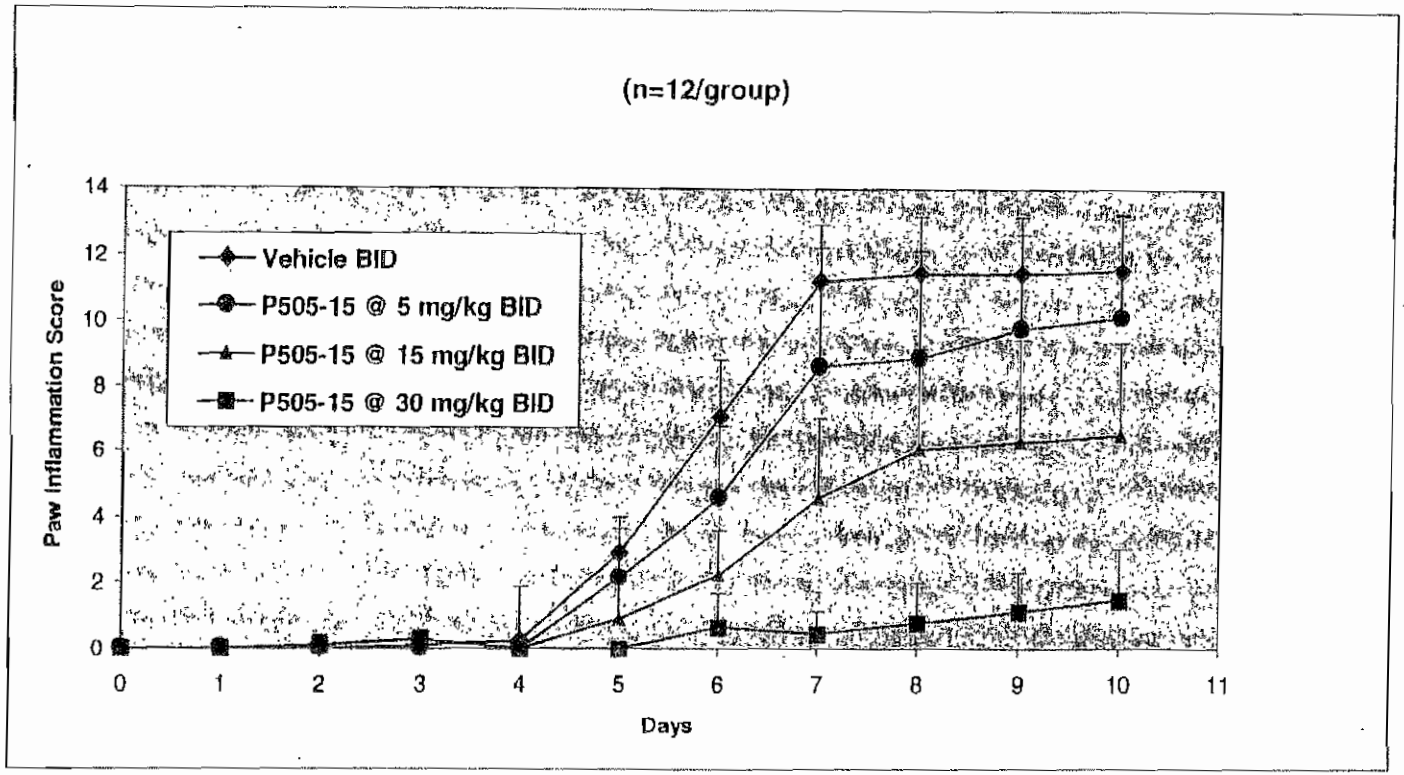

No Stim
10nM PMA 10'
Vehicle
Vehicle
1μM P459-72
1μM P505-15
1μM P420-89
CD69 PE
B220/CD45R PerCP Cy5.5

FIG. 14



- 15 and 30 mg/kg dose showed statistically significant decrease in inflammation scores starting at d5 through d10 with 44% and 87% inhibition, respectively.
- Plasma concentrations for the 5, 15 and 30 mg/kg doses were 66, 140 and 112 nM at trough and 0.8, 1.9 and 2.7 μM at peak, respectively.

FIG. 15

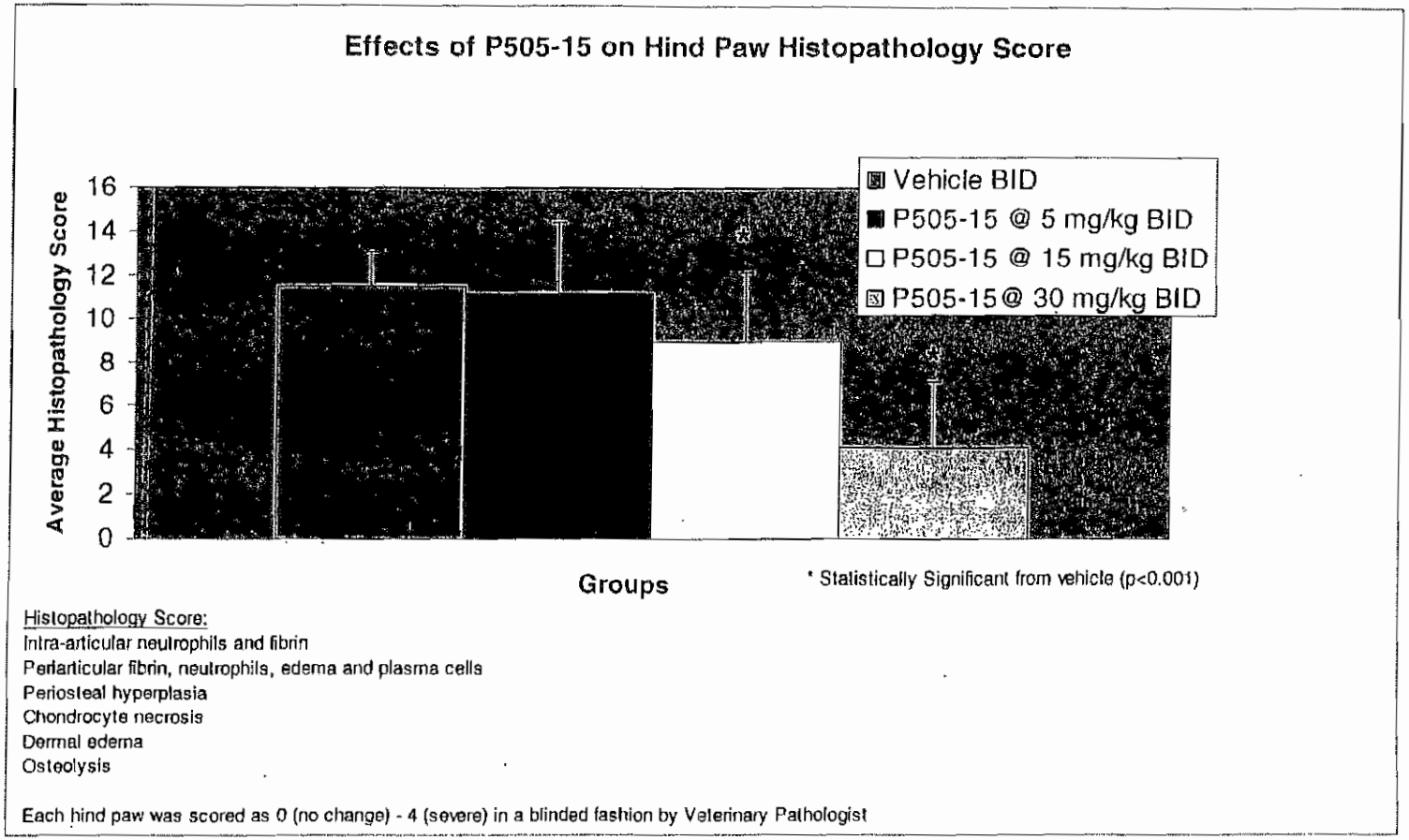
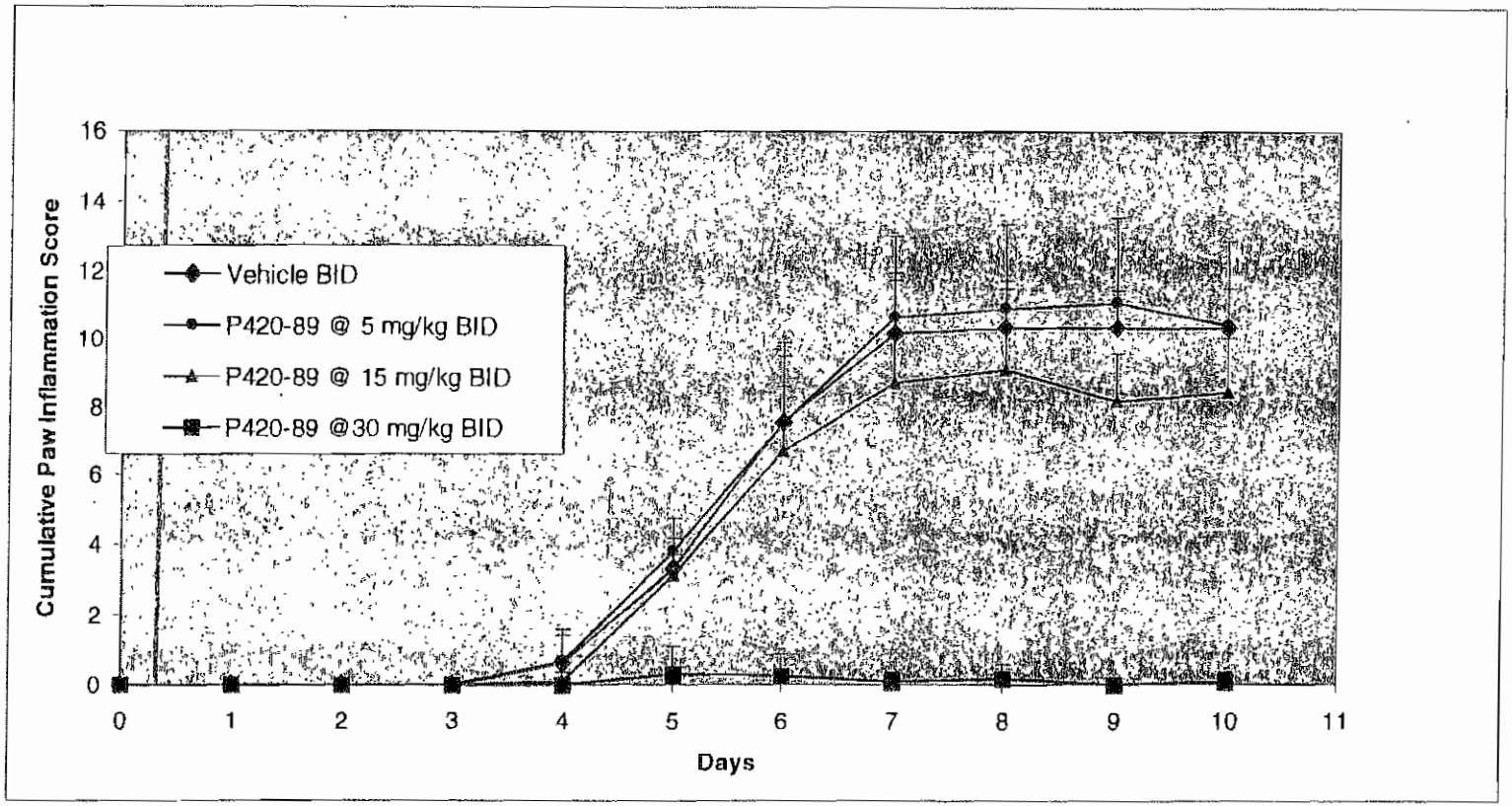
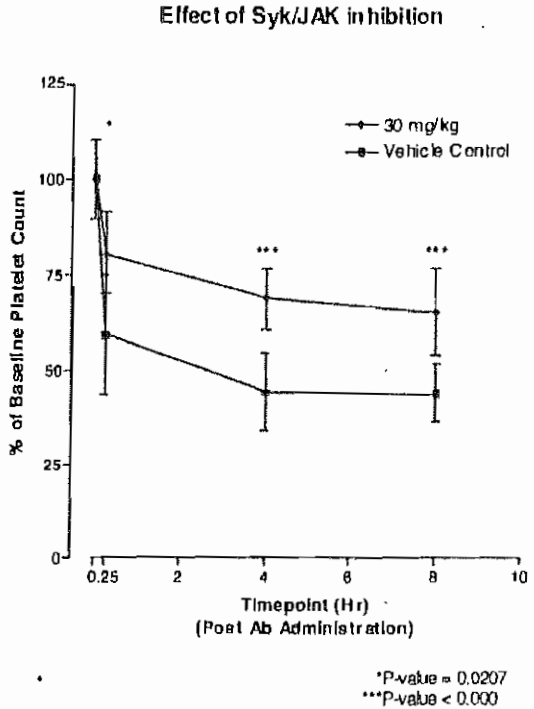

Effects of P505-15 on Hind Paw Histopathology Score
Average Histopathology Score
16
14
12
10
8
6
4
2
0
Vehicle BID
P505-15 @ 5 mg/kg BID
P505-15 @ 15 mg/kg BID
P505-15@ 30 mg/kg BID
Groups
* Statistically Significant from vehicle (p<0.001)
Histopathology Score:
Intra-articular neutrophils and fibrin
Periarticular fibrin, neutrophils, edema and plasma cells
Periosteal hyperplasia
Chondrocyte necrosis
Dermal edema
Osteolysis
Each hind paw was scored as 0 (no change) - 4 (severe) in a blinded fashion by Veterinary Pathologist

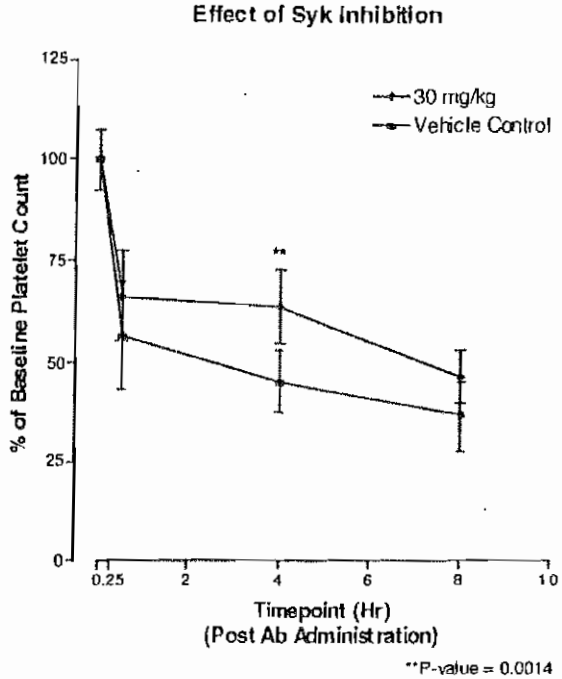
FIG. 16



- 30 mg/kg BID dose from d4 - d10 were statistically lower ($p<0.00001$) compared to vehicle with 99% inhibition.
- 15 mg/kg dose was statistically lower ($p<0.05$) from day 9 – 10 with 19% inhibition.
- Plasma concentrations for the 5, 15 and 30 mg/kg doses were 0, 2 and 11 nM at trough and 0.27, 1.4 and 2.9 μM at peak, respectively.

FIG. 17

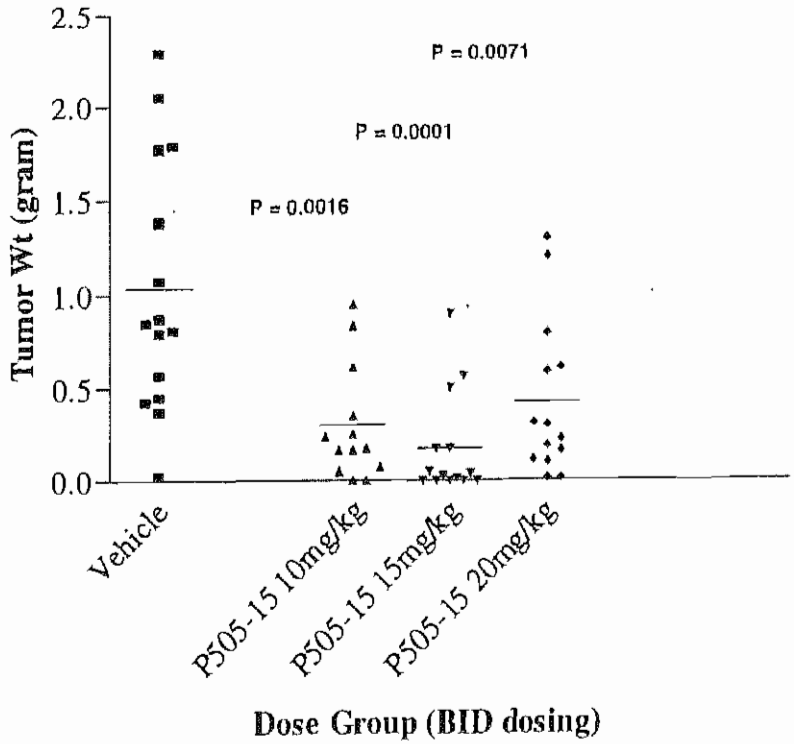




Timepoint (post Ab)	0 Hr	0.25 Hr	4 Hr	8 Hr
N (per dose, per timepoint)	12	7	10	10
P420-89 (plasma concentration)	N/A	5.36 ± 2.04 uM	0.752 ± 0.427 uM	0.142 ± 0.134 uM
P505-15 (plasma concentration)	N/A	3.50 ± 1.11 uM	1.88 ± 0.619 uM	0.949 ± 0.404 uM

FIG. 18

A


2.5
2.0
1.5
1.0
0.5
0.0
Tumor Wt (gram)
P = 0.0071
P = 0.0001
P = 0.0016
Vehicle
P505-15 10mg/kg
P505-15 15mg/kg
P505-15 20mg/kg
Dose Group (BID dosing)