

[Figure 1A]

Compound name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
S1C(disialo)-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
N5C(disialo)-SRIF28	S	A	N	S	C	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
A9C(disialo)-SRIF28	S	A	N	S	N	P	A	M	C	P	R	E	R	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
E12C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	C	R	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
R13C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	C	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
K14C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	C	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
A15C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	C	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
G16C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	C	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
K18C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	C	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
N19C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	C	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
F21C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	C	W	K	T	F	T	S	C		
	Disialo	S-S																												
T26C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	F	W	K	T	F	C	S	C	
	Disialo	S-S																												
29C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	C
	Disialo	S-S Disialo																												
30C(disialo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	C
	Disial	S-S																												
S1C(disialo)-D-Trp22-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
A9C(disialo)-D-Trp22-SRIF28	S	A	N	S	N	P	A	M	C	P	R	E	R	K	A	G	C	K	N	F	F	F	W	K	T	F	T	S	C	
	Disialo	S-S																												
C(disialo)-SRIF14	C A G C K N F F W K T F T S C																													
	Disialo	S-S																												

[Figure 1B]

Compound name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
C(distalo)-R-K-SRIF14	C R K A G C K N F F W K T F T S C Distalo S-S S-S																											
C(distalo)-C12linker-SRIF14	C C12 A G C K N F F W K T F T S C Distalo Linker S-S S-S																											
S1-2C(distalo)-SRIF28	C C A N S N P A M A P R E R K A G C K N F F W K T F T S C Distalo Distalo S-S S-S																											
S1C(distalo)-N5C(distalo)-SRIF28	C A N S C P A M A P R E R K A G C K N F F W K T F T S C Distalo S-S S-S																											
S1C(distalo) • R13C(distalo)-SRIF28	C A N S N P A M A P R E C K A G C K N F F W K T F T S C Distalo S-S S-S																											
N5C(distalo) • A9C(distalo)-SRIF28	S A N S C P A M C P R E R K A G C K N F F W K T F T S C Distalo S-S S-S																											
S1-3C(distalo)-SRIF28	C C C A N S N P A M A P R E R K A G C K N F F W K T F T S C Distalo Distalo Distalo S-S S-S																											
S1C(distalo) • N5C(distalo) • A9C(distalo)-SRIF28	C A N S C P A M C P R E R K A G C K N F F W K T F T S C Distalo S-S S-S																											
S1C(monosialo)-SRIF28	C A N S N P A M A P R E R K A G C K N F F W K T F T S C Monosialo S-S S-S																											
S1C(asialo)-SRIF28	C A N S N P A M A P R E R K A G C K N F F W K T F T S C Asialo S-S S-S																											
S1-2C(asialo)-SRIF28	C C A N S N P A M A P R E R K A G C K N F F W K T F T S C Asialo Asialo S-S S-S																											
S1-3C(asialo)-SRIF28	C C C A N S N P A M A P R E R K A G C K N F F W K T F T S C asialo asialo asialo S-S S-S																											
N5N(distalo)-SRIF28	S A N S N P A M A P R E R K A G C K N F F W K T F T S C Distalo S-S S-S																											
S1N(distalo)-SRIF28	N A N S N P A M A P R E R K A G C K N F F W K T F T S C Distalo S-S S-S																											
S1C(distalo)-N19C(GlcNAc)-SRIF28	C A N S N P A M A P R E R K A G C K C F F W K T F T S C Distalo S-S GlcNAc																											
S1C(distalo)-N19C(difMan)-SRIF28	C A N S N P A M A P R E R K A G C K C F F W K T F T S C Distalo S-S difMan																											

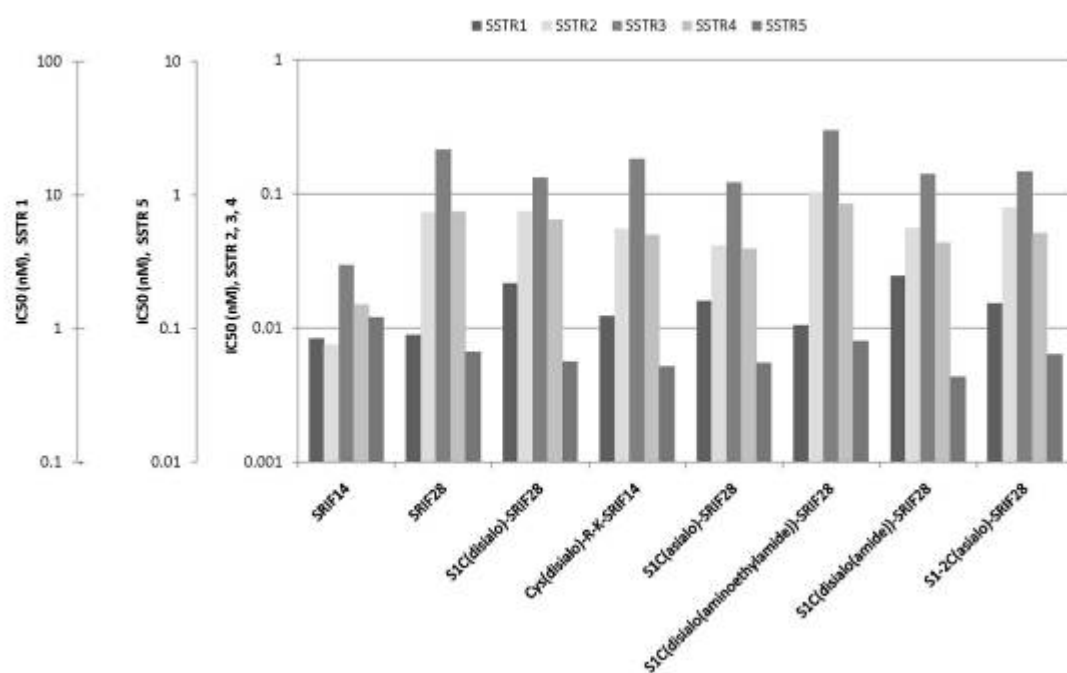
[Figure 1C]

Compound name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
C(distalo)-SRIF28	C	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C	
	Disialo S-S																													
R11C(distalo)-SRIF28	S	A	N	S	N	P	A	M	A	P	C	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	Disialo S-S																													
F20C(distalo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	C	F	W	K	T	F	T	S	C		
	Disialo S-S																													
T24C(distalo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	C	F	T	S	C		
	Disialo S-S																													
F25C(distalo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	C	T	S	C		
	Disialo S-S																													
S27C(distalo)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	Disialo S-S																													
C(distalo)-K-SRIF14	C K A G C K N F F W K T F T S C																													
	Disialo S-S																													
S1C(distalo)-F25Y-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	Y	T	S	C		
	Disialo S-S																													
S1C(distalo)-SRIF28- amide	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	Disialo S-S																													
C(distalo)-PEGlinker- SRIF14	C PEG A G C K N F F W K T F T S C																													
	Disialo Linker S-S																													
Biotin-S1C(distalo)- SRIF28	Biotin	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C	
	Disialo S-S																													
Biotin-PEGlinker- S1C(distalo)-SRIF28	Biotin	PEG	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C
	Disialo Linker Disialo S-S																													
Azido-S1C(distalo)- SRIF28	Azido	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C	
	Disialo S-S																													
S1C(distalo)* E12C(distalo)-SRIF28	C	A	N	S	N	P	A	M	A	P	R	C	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	Disialo Disialo S-S																													
2C(distalo)-R-K-SRIF14	C C R K A G C K N F F W K T F T S C																													
	Disialo Disialo S-S																													
3C(distalo)-R-K-SRIF14	C C C R K A G C K N F F W K T F T S C																													
	Disialo Disialo Disialo S-S																													
S1C(d(GlcNAc)-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	Disialo S-S																													

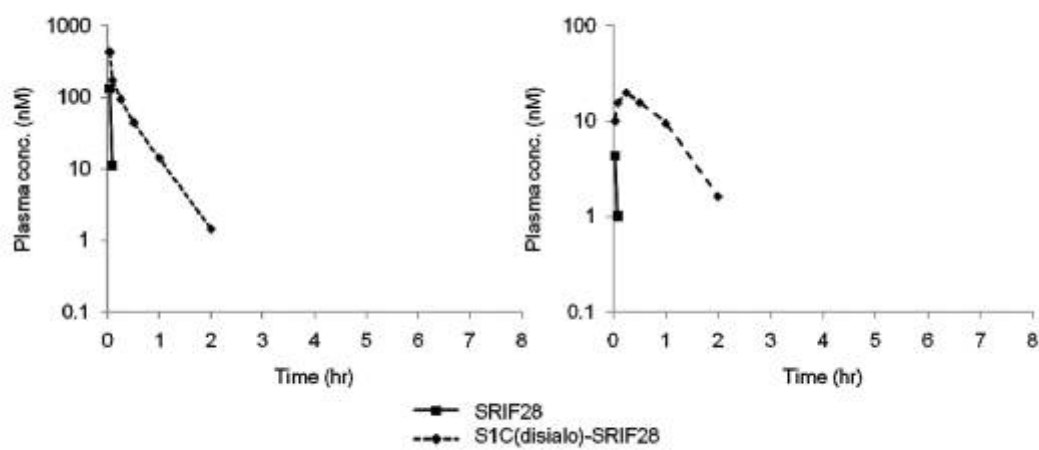
[Figure 1D]

Compound name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
S1C(diMan)-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	diMan S-S S-S S-S																													
N19C(diMan)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	C	F	F	W	K	T	F	T	S	C		
	diMan S-S S-S diMan S-S																													
S1C(GlcNAc)-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	GlcNAc S-S S-S																													
N19C(GlcNAc)-SRIF28	S	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	C	F	F	W	K	T	F	T	S	C		
	GlcNAc S-S S-S																													
S1C(trisialo)-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	Trisialo S-S S-S																													
S1C(tetrasialo)-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	Tetrasialo S-S S-S																													
S1C(disialo(aminoethylamide))-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	disialo(aminoethylamide) S-S S-S																													
S1C(disialo(amide))-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	disialo(amide) S-S S-S																													
S1C(disialo(Bn))-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	disialo(Bn) S-S S-S																													
S1C(disialo(hexadecylamide))-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	disialo(hexadecylamide) S-S S-S																													
S1-2C(disialo(amide))-SRIF28	C	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C	
	disialo(amide) disialo(amide) S-S S-S																													
S1-2C(disialo(Bn))-SRIF28	C	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C	
	disialo(Bn) disialo(Bn) S-S S-S																													
S1C(Asn(disialo))-SRIF28	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C		
	Asn(disialo) S-S S-S																													
S1N(disialo)-N19C(diMan)-SRIF28	N	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	C	F	F	W	K	T	F	T	S	C		
	Disialo S-S S-S diMan S-S																													
C(disialo(aminoethylamide))-S1C(disialo)-SRIF28	C	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C	
	disialo(aminoethylamide) disialo S-S S-S																													
S1-4C(disialo)-SRIF28	C	C	C	A	N	S	N	P	A	M	A	P	R	E	R	K	A	G	C	K	N	F	F	W	K	T	F	T	S	C
	Disialo Disialo Disialo Disialo S-S S-S																													

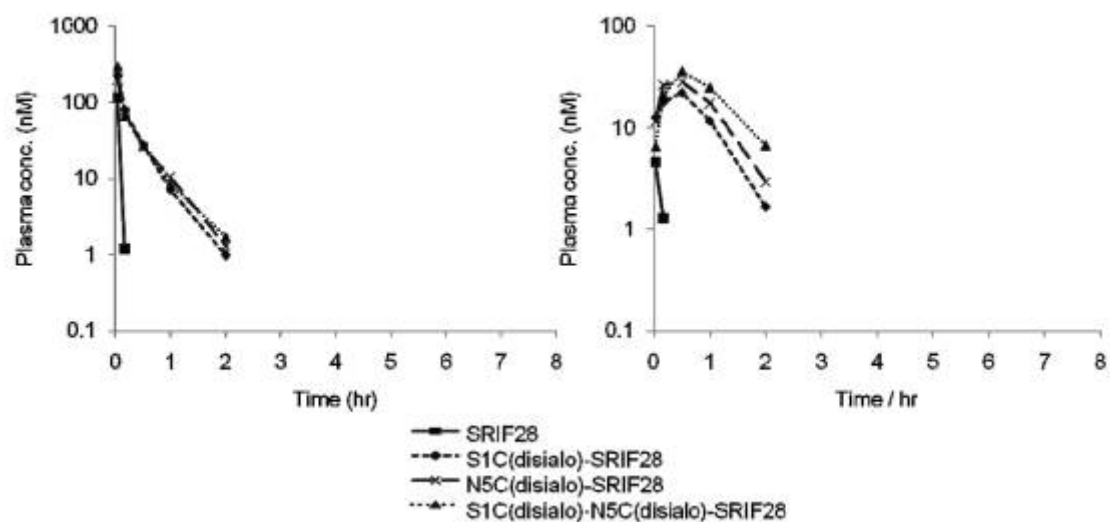
[Figure 1E]



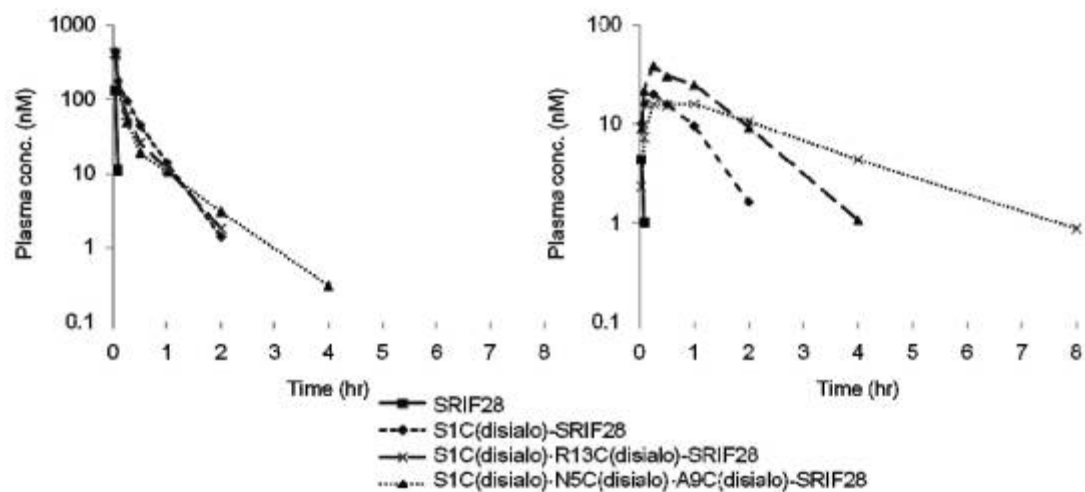
[Figure 2]



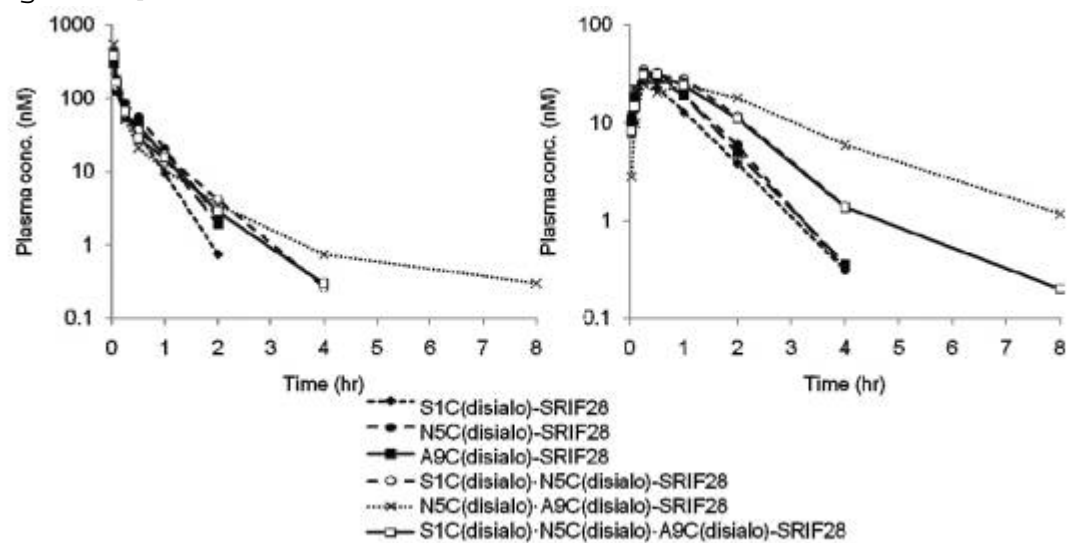
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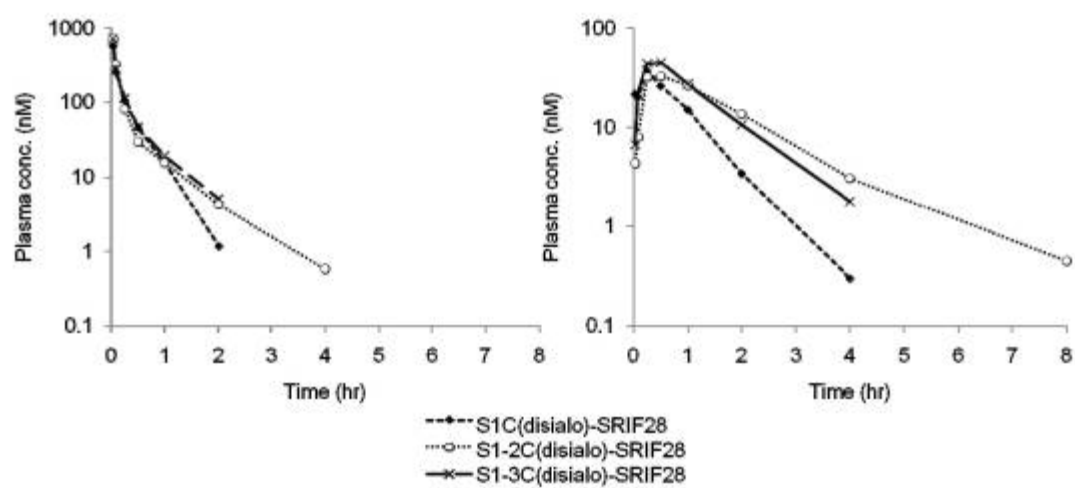
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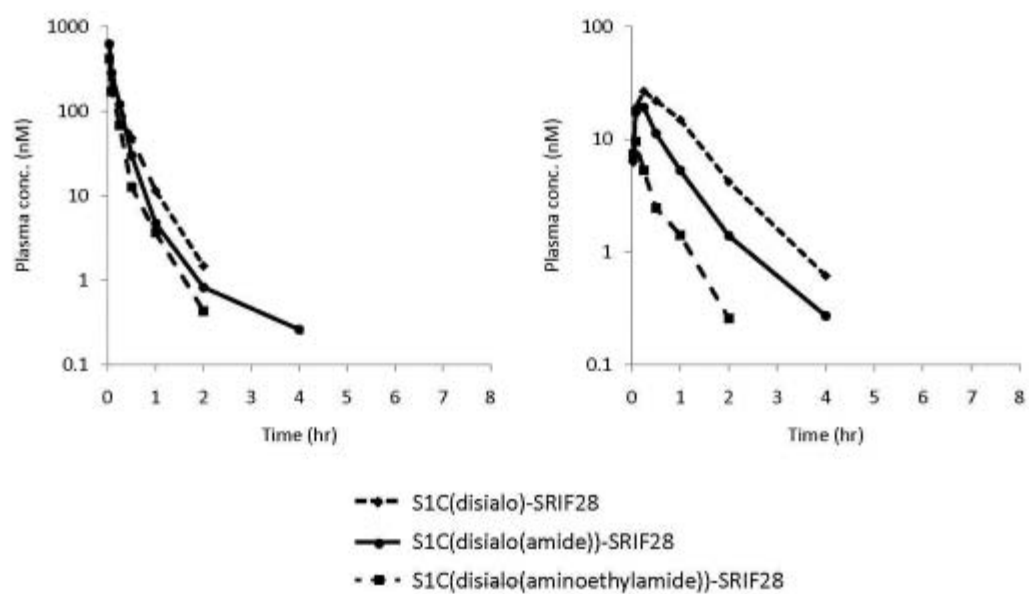
[Figure 5]



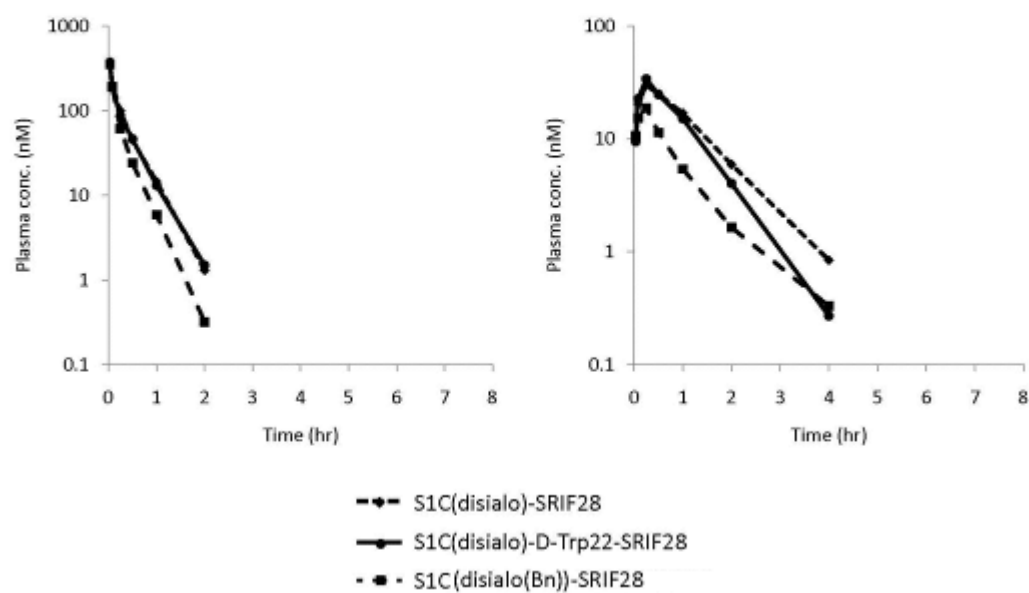
[Figure 6]



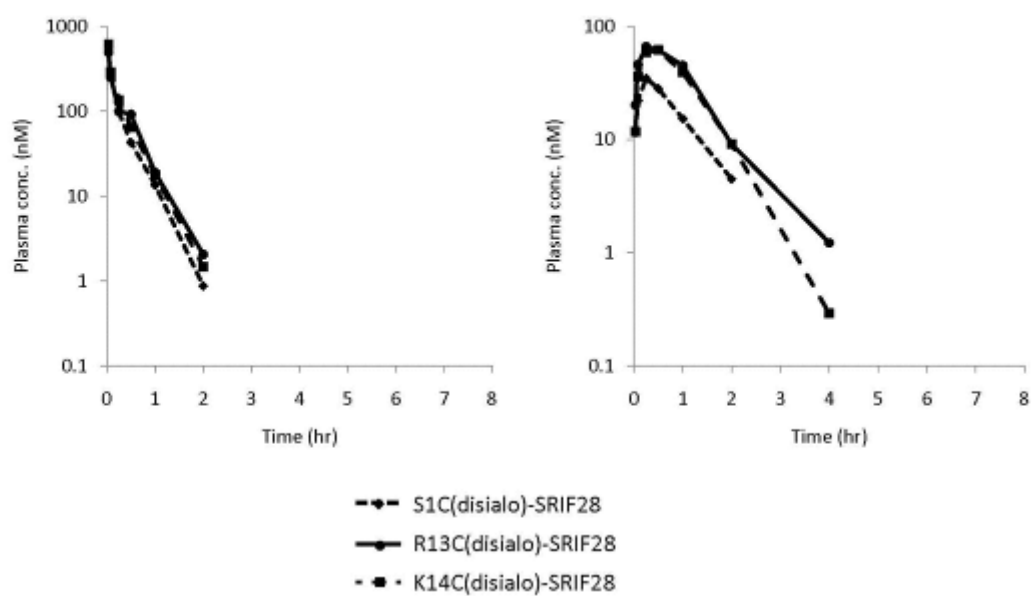
[Figure 7]



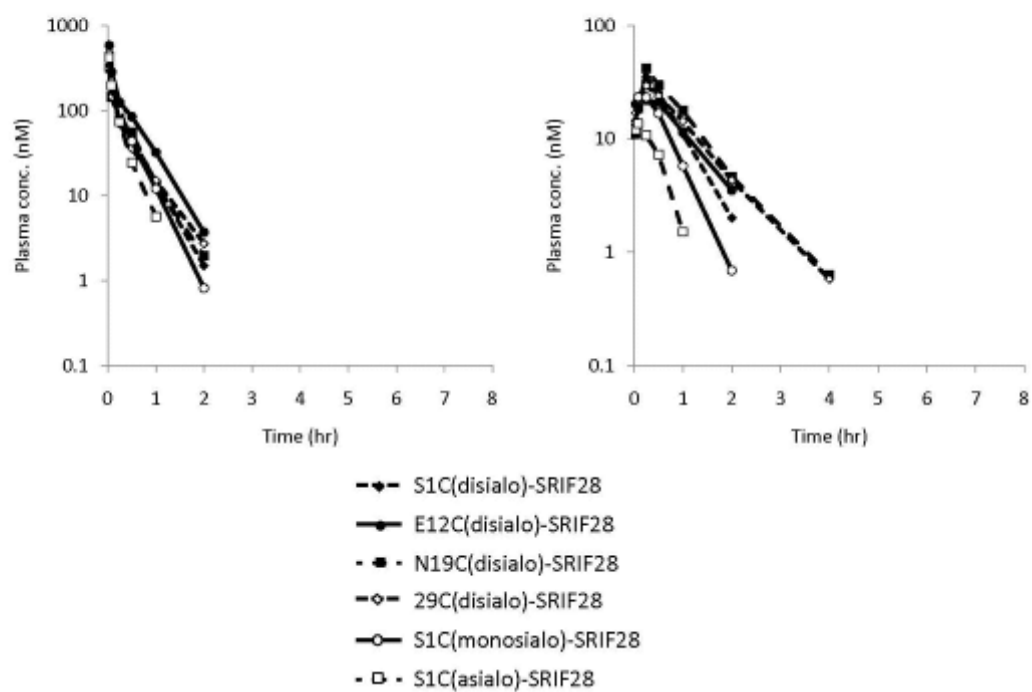
[Figure 8]



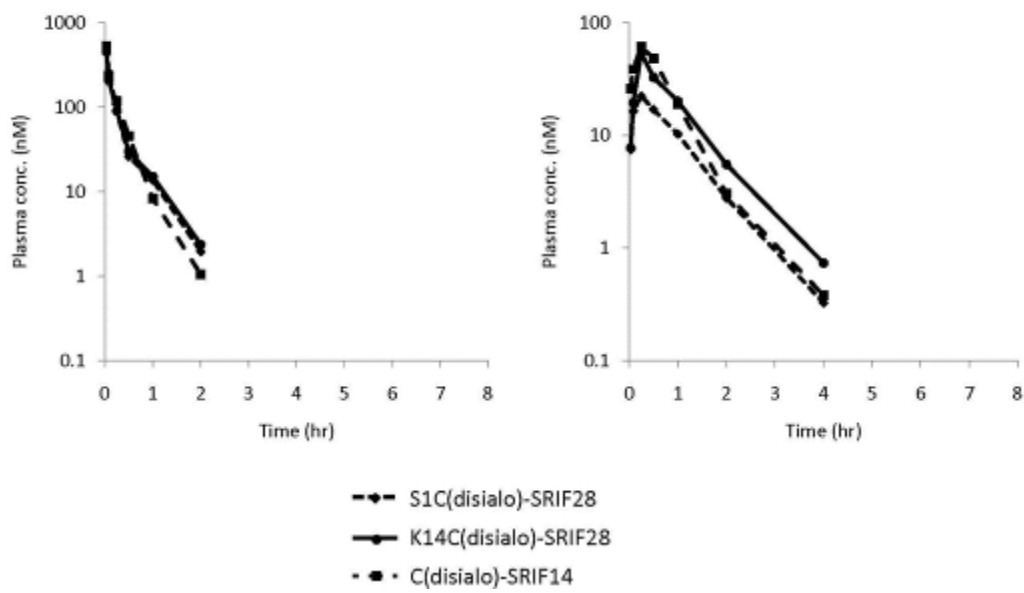
[Figure 9]



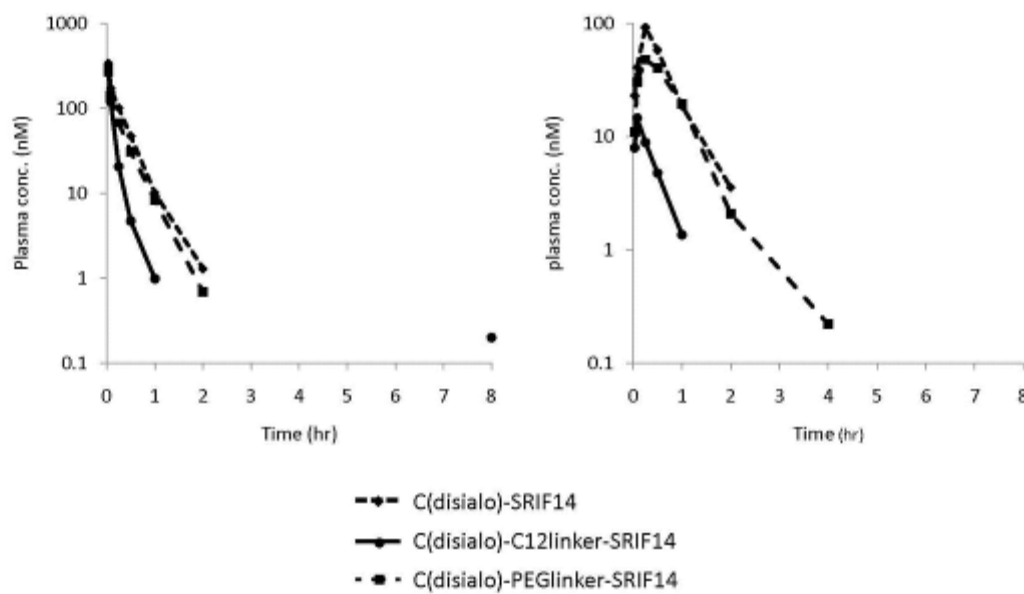
[Figure 10]



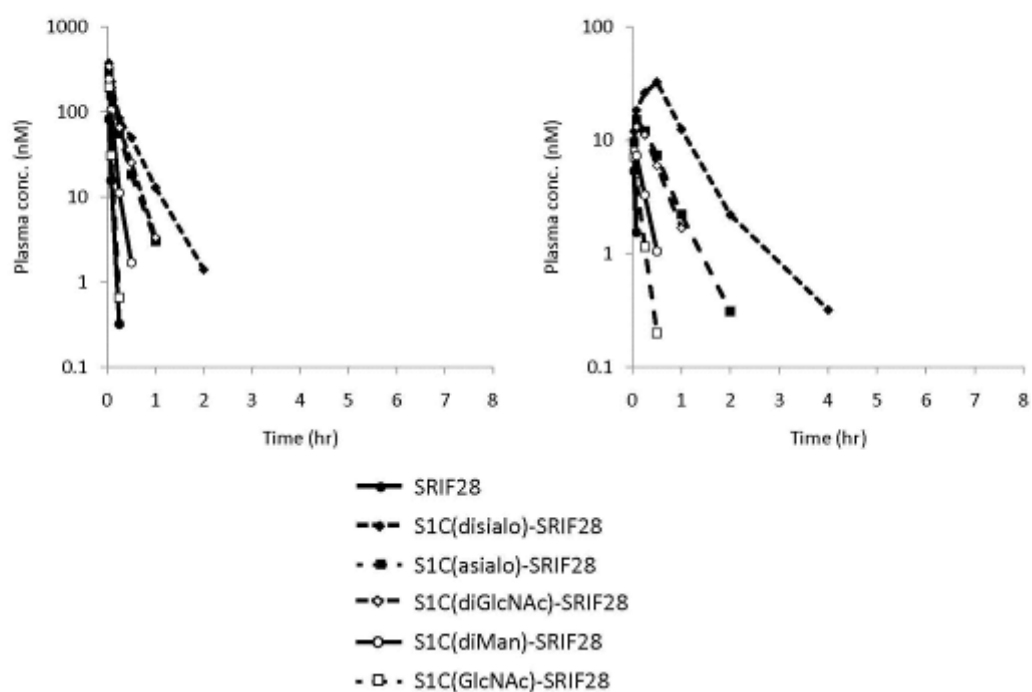
[Figure 11]



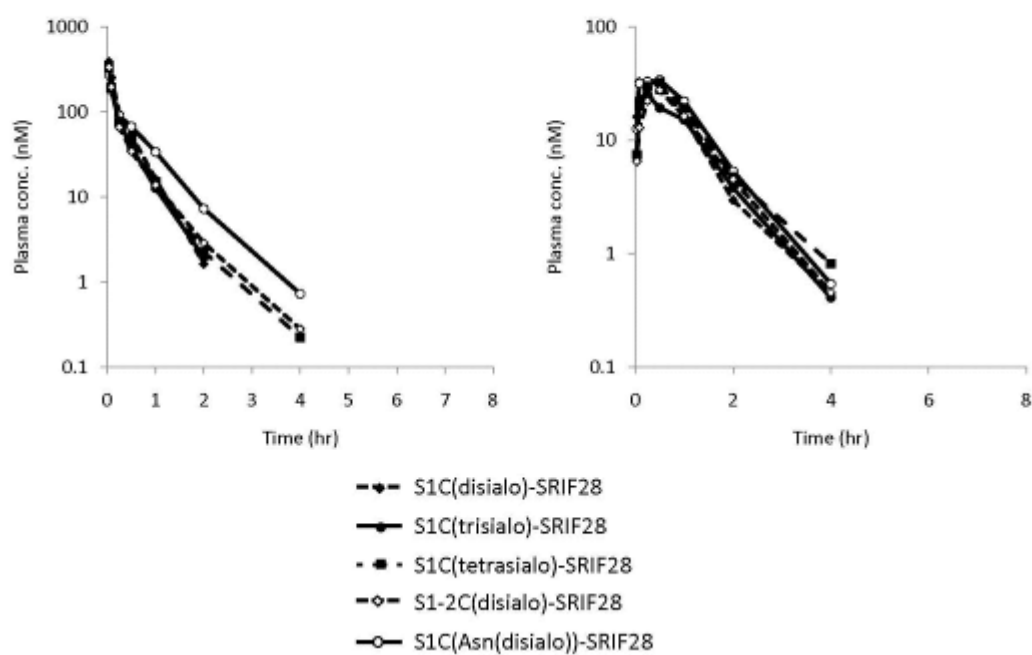
[Figure 12]



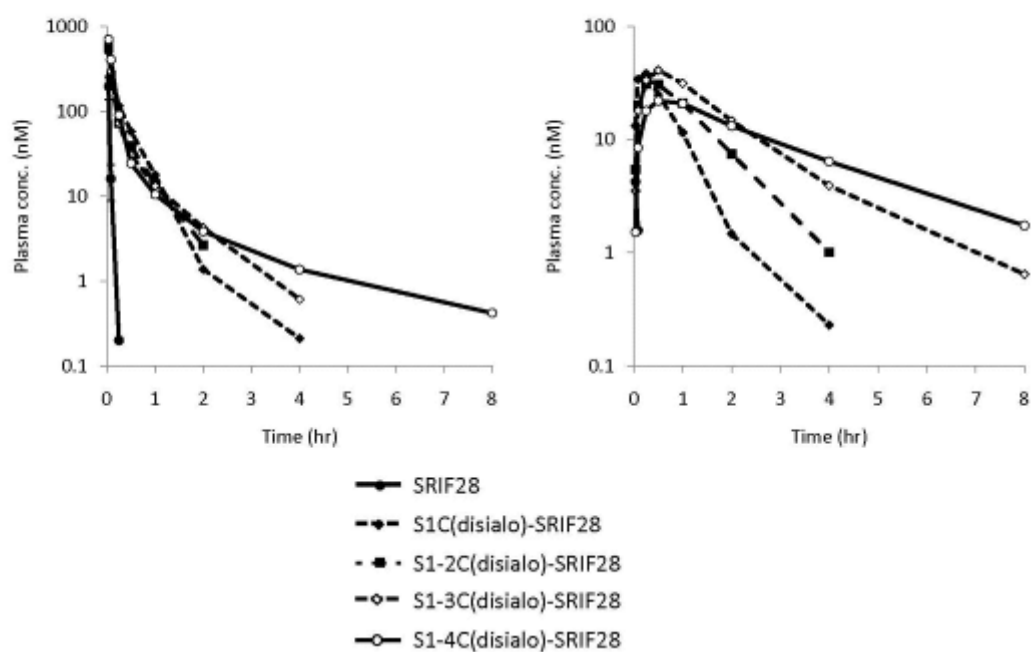
[Figure 13]



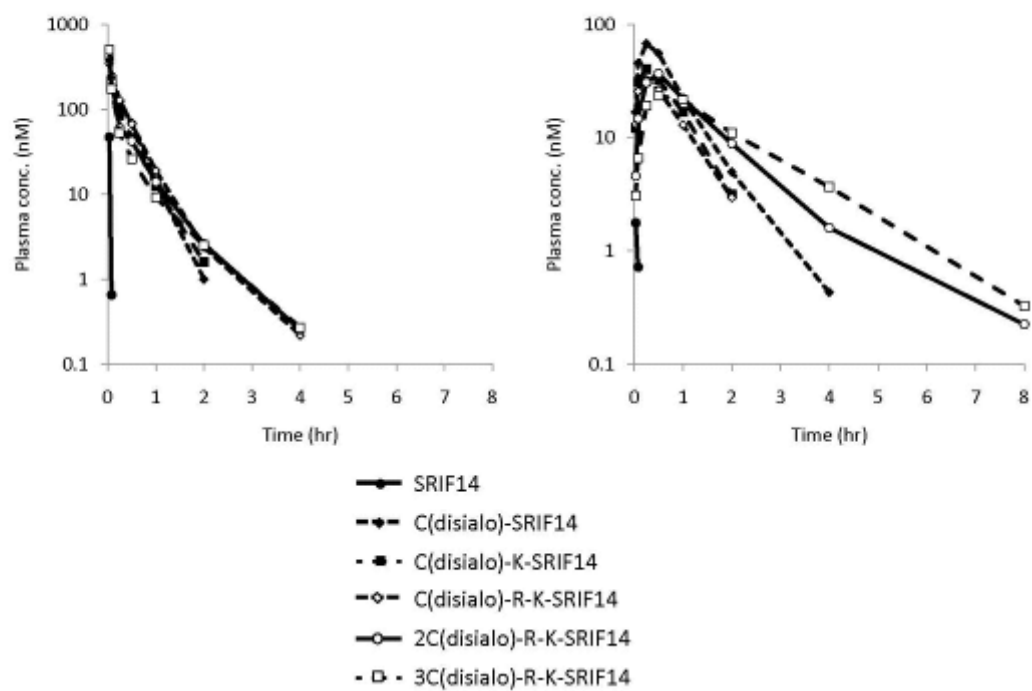
[Figure 14]



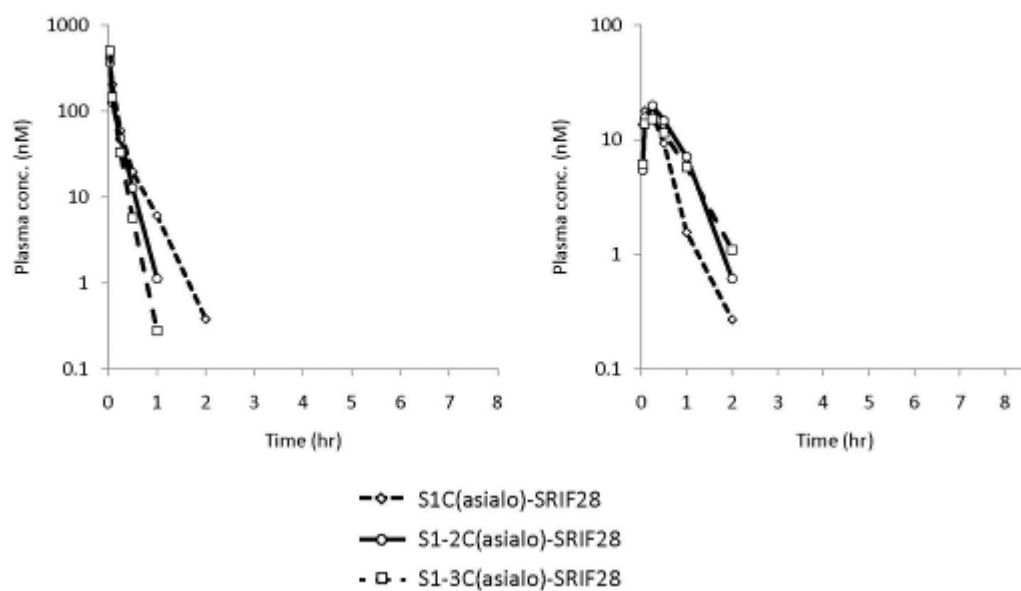
[Figure 15]



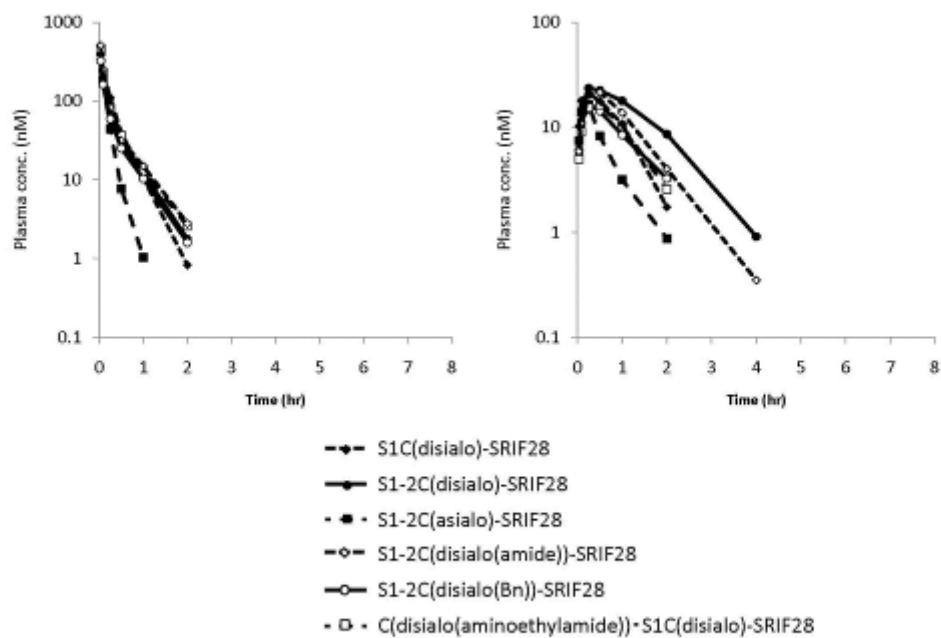
[Figure 16]



[Figure 17]



[Figure 18]



[Figure 19]

