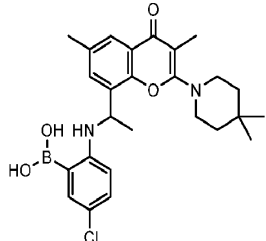
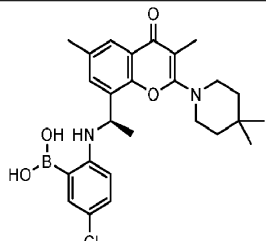
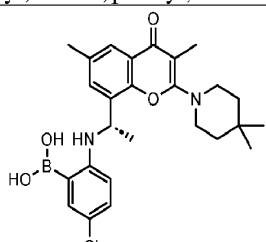
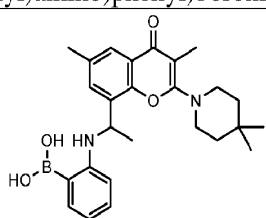
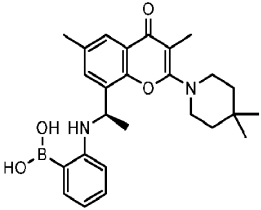
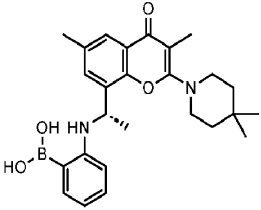
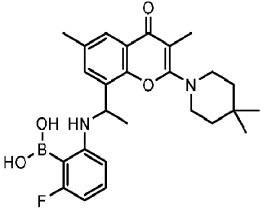
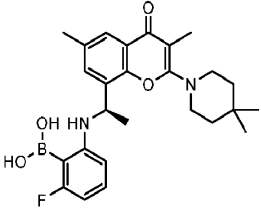
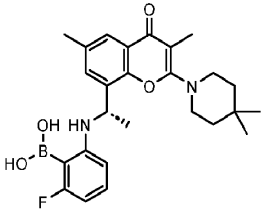
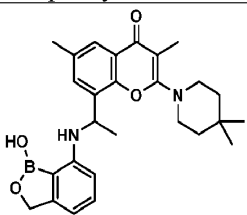
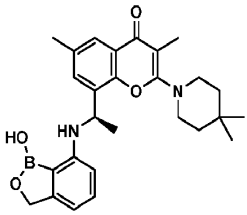
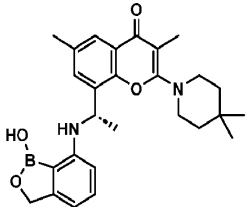
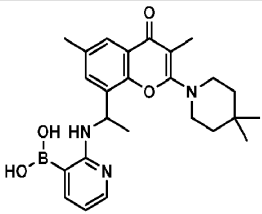
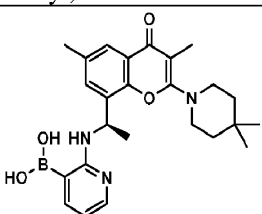
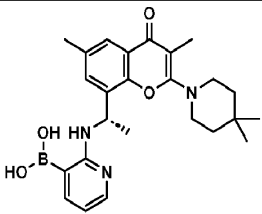
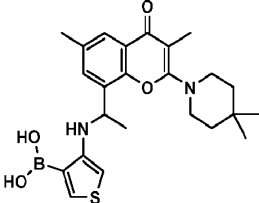
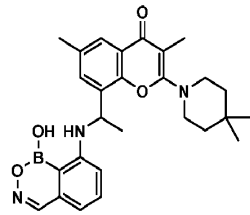
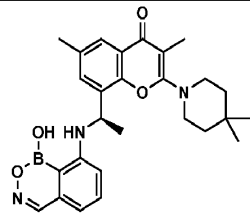


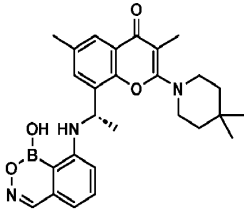
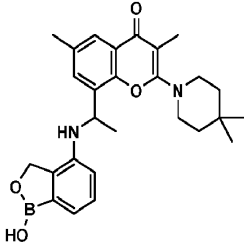
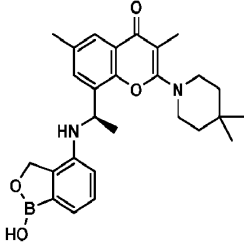
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (5-chloro-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)phenyl)boronic acid	NA	NA	NA	NA	NA
 (R)-(5-chloro-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)phenyl)boronic acid	+++	+	+++	++	++
 (S)-(5-chloro-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)phenyl)boronic acid	NA	NA	+	++	+
 (5-chloro-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)phenyl)boronic acid	++	+	++	++	++

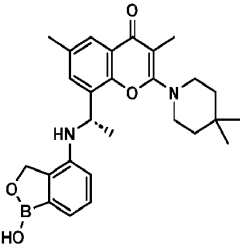
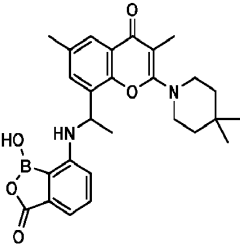
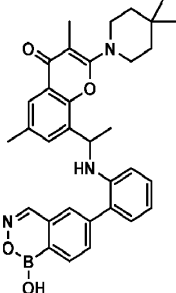
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)phenyl)boronic acid					
 (R)-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)phenyl)boronic acid	+++	++	+++	++	++
 (S)-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)phenyl)boronic acid	NA	NA	++	++	++
 (2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)-6-fluorophenyl)boronic acid	+++	++	++	++	++
	++++	++	+++	++	++

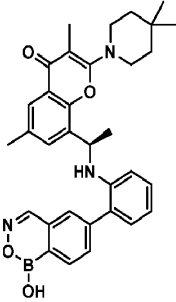
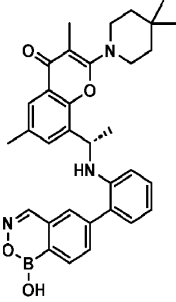
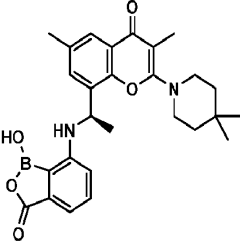
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(R)-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)-6-fluorophenyl)boronic acid					
 (S)-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)-6-fluorophenyl)boronic acid	NA	NA	++	++	++
 2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-7-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-7-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++	+	+++	++	++

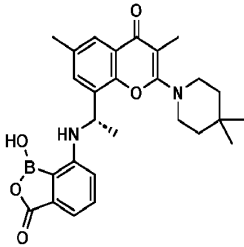
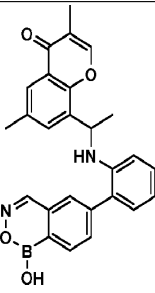
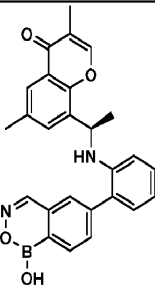
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-7-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)pyridin-3-yl)boronic acid	+	+	++	++	++
 (R)-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)pyridin-3-yl)boronic acid	+	+	++	++	++
 (S)-2-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)pyridin-3-yl)boronic acid	+	+	++	++	++

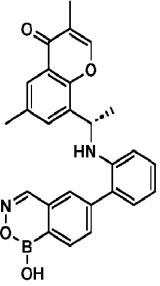
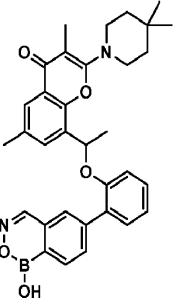
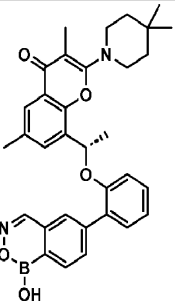
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
chromen-8-yl)ethyl)amino)pyridin-3-yl)boronic acid					
 (4-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)thiophen-3-yl)boronic acid	++	+	++	++	++
 2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-8-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++	+	+	+	+
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-8-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++	+	++	++	++

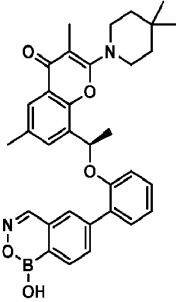
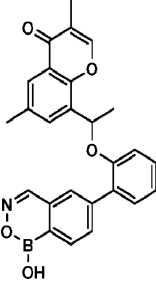
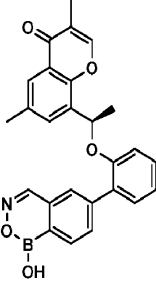
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-8-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-4-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-4-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	++	++	++

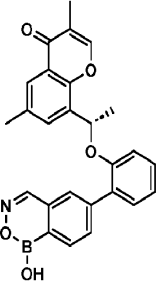
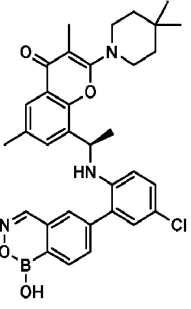
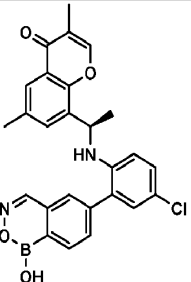
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-4-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-3-oxo-1,3-dihydrobenzo[c][1,2]oxaborol-7-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	++	++	++
 2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++

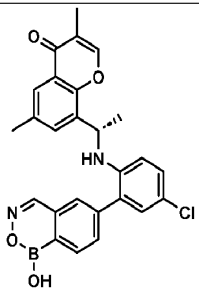
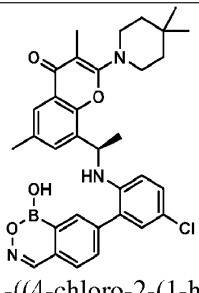
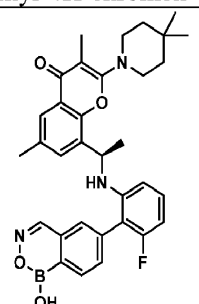
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-3-oxo-1,3-dihydrobenzo[c][1,2]oxaborol-7-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++	+	++	++	++

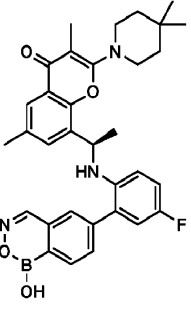
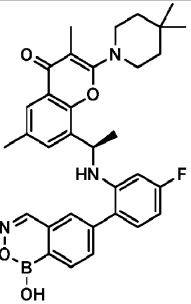
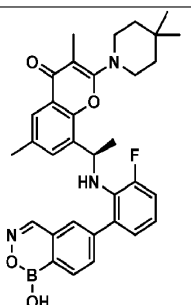
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((1-hydroxy-3-oxo-1,3-dihydrobenzo[c][1,2]oxaborol-7-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	++	++	++
 8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++	+	++	++	++

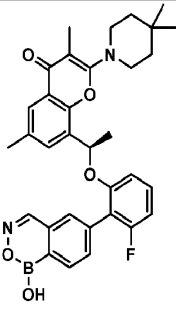
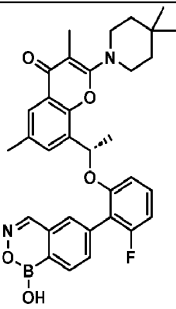
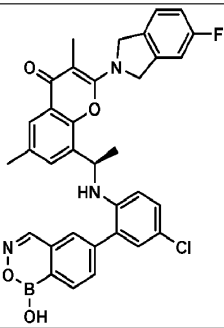
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	NA	NA	NA
 2-(4,4-dimethylpiperidin-1-yl)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++++	++	++
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	++	++	++	++	+

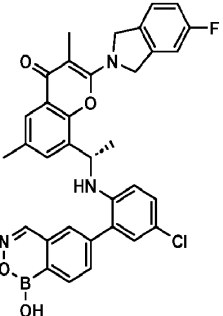
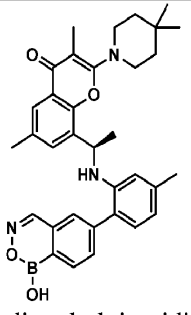
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	++	++	++

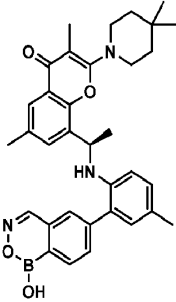
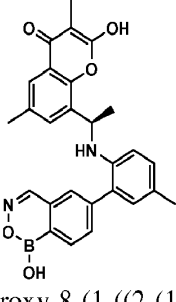
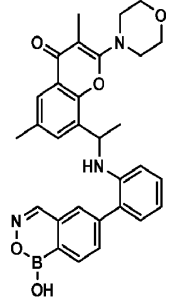
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((4-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-8-(1-((4-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	+++	++	+

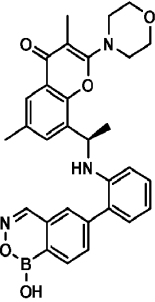
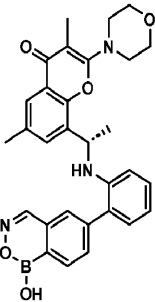
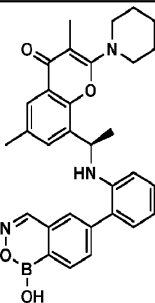
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((4-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((4-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-7-yl)phenyl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((3-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++

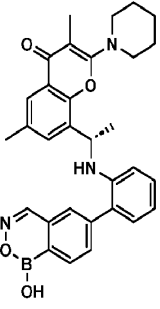
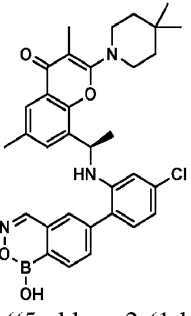
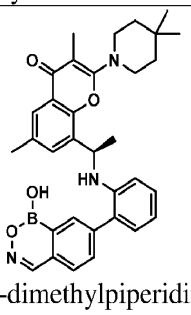
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((4-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((5-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-fluoro-6-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	+	+	+

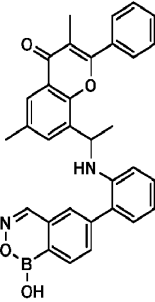
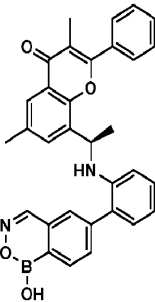
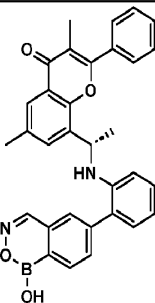
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one					
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-(3-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-(3-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	+	+
	++++	++	++++	++	++

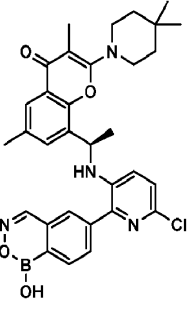
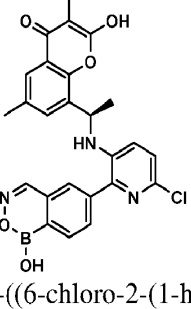
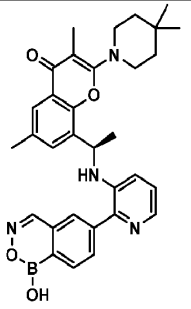
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(R)-8-(1-((4-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-(5-fluoroisindolin-2-yl)-3,6-dimethyl-4H-chromen-4-one					
 (S)-8-(1-((4-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-(5-fluoroisindolin-2-yl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	+	++	+
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)-5-methylphenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++

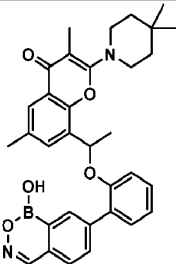
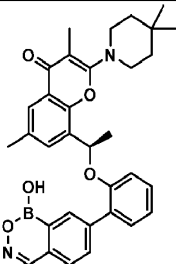
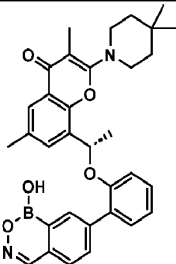
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)-4-methylphenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-2-hydroxy-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)-4-methylphenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	+	+	+
 8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++++	++	++++	+++	++

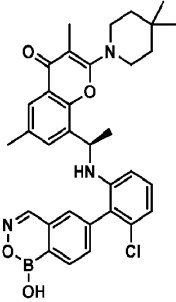
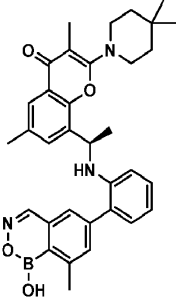
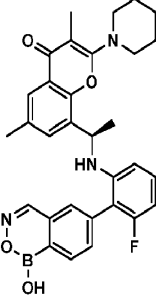
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++++	+++	++++	++++	++
 (S)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	+	+	+	++	+
 (R)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++	++++	+++	++

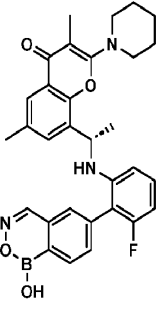
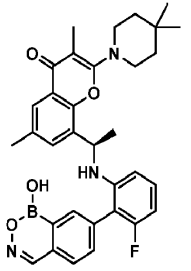
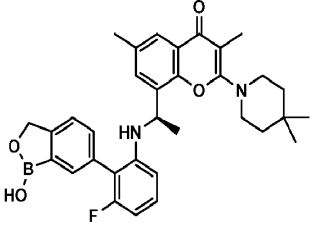
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	NA	NA	+	NA	+
 (R)-8-(1-((5-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	+
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-7-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	+

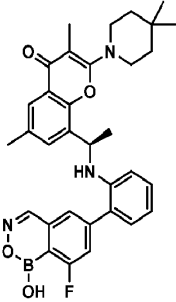
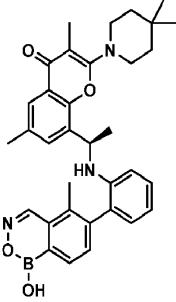
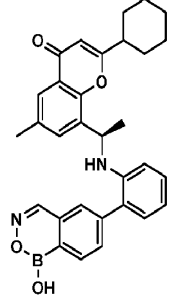
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-phenyl-4H-chromen-4-one	++++	++	++++	++	+
 (R)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-phenyl-4H-chromen-4-one	++++	++++	++++	++	++
 (S)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-phenyl-4H-chromen-4-one	++	+	++	++	++

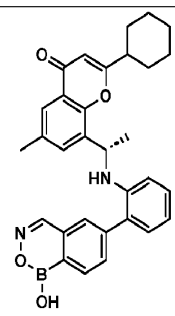
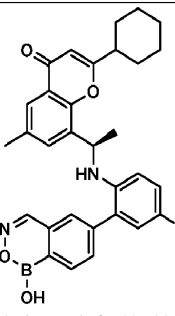
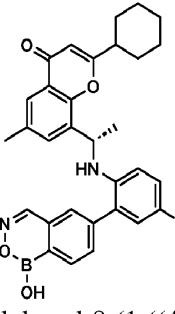
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-hydroxy-3,6-dimethyl-4H-chromen-4-one	+++	++	+	++	+
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++++	+++

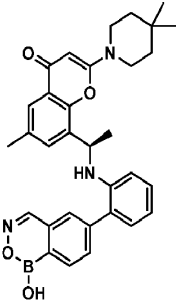
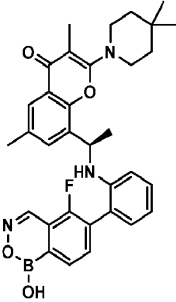
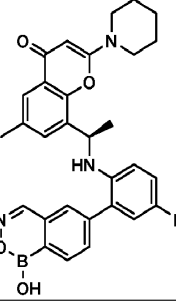
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one					
 2-(4,4-dimethylpiperidin-1-yl)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-7-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-7-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++	++
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-7-yl)phenoxy)ethyl)-3,6-dimethyl-4H-chromen-4-one	++	++	++	++	++

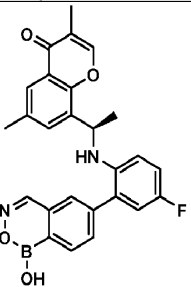
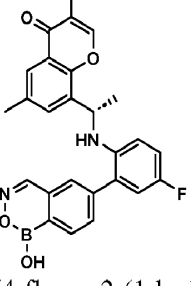
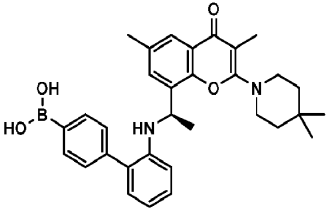
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T-47D	pAKT_S 473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((3-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-8-methyl-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-8-(1-((3-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++++	++++	+++	++

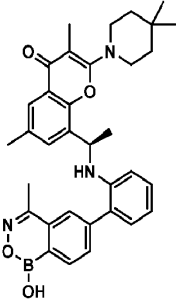
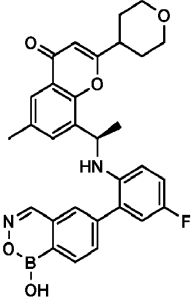
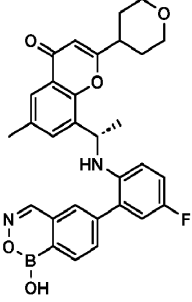
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((3-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	+	+	++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((3-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-7-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((3-fluoro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++

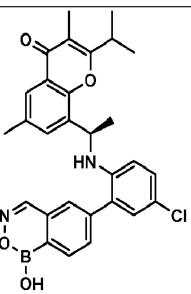
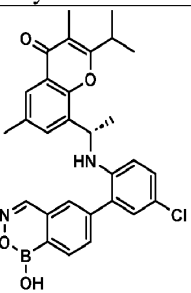
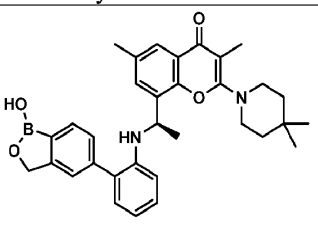
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-5-methyl-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-2-cyclohexyl-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	+++	++	++

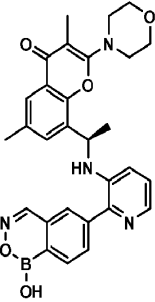
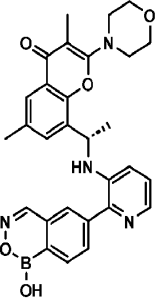
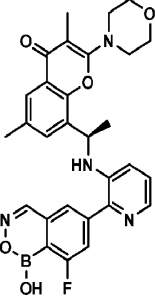
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)phenyl)amino)ethyl)-6-methyl-4H-chromen-4-one					
 (S)-2-cyclohexyl-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-4H-chromen-4-one	+	+	++	++	++
 (R)-2-cyclohexyl-8-(1-((4-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-4H-chromen-4-one	++++	++++	++++	+++	++
 (S)-2-cyclohexyl-8-(1-((4-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-4H-chromen-4-one	++	++	++	++	++

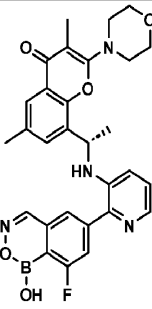
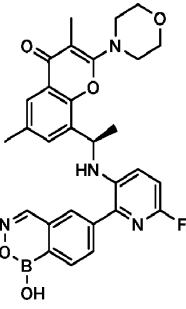
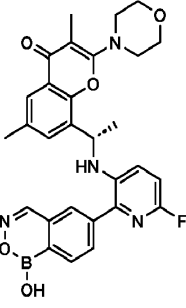
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T-47D	pAKT_S 473 MCF7	pAKT_S 473 SKBR3
benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-4H-chromen-4-one					
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-4H-chromen-4-one	++++	+++	+++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(5-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-4H-chromen-4-one	++++	++	++++	++	++

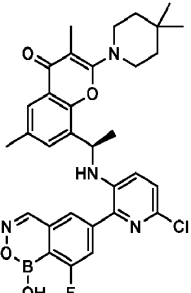
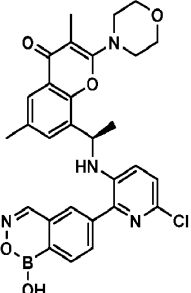
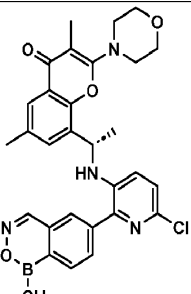
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(R)-8-(1-((4-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-2-(piperidin-1-yl)-4H-chromen-4-one					
 (R)-8-(1-((4-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++	++	++
 (S)-8-(1-((4-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	++	++	++
 (R)-(2'-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)-[1,1'-biphenyl]-4-yl)boronic acid	++++	++	++++	+++	++

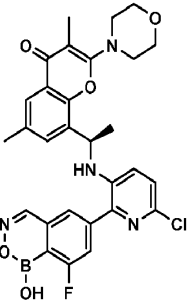
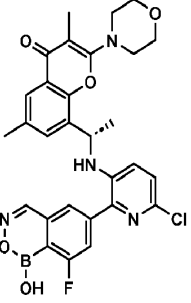
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T-47D	pAKT_S 473 MCF7	pAKT_S 473 SKBR3
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-4-methyl-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	+++	++
 (R)-8-(1-((4-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-2-(tetrahydro-2H-pyran-4-yl)-4H-chromen-4-one	++++	++++	++++	++++	++
 (S)-8-(1-((4-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-2-(tetrahydro-2H-pyran-4-yl)-4H-chromen-4-one	++	+	NA	NA	NA

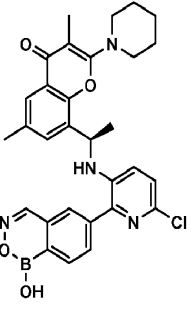
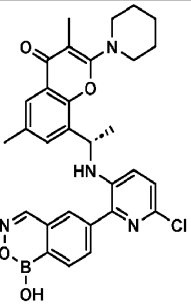
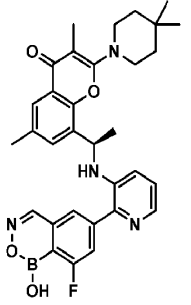
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(tetrahydro-2H-pyran-4-yl)-4H-chromen-4-one					
 (R)-8-((4-chloro-2-((1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++++	++++	+++	+++
 (S)-8-((4-chloro-2-((1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++	+	NA	NA	NA
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++

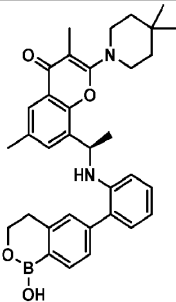
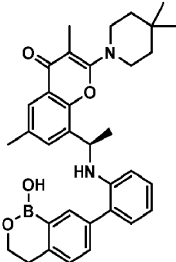
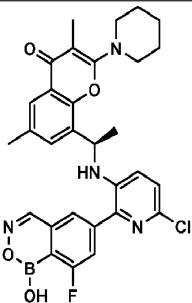
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++++	++	++++	++	++
 (S)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	+	+	NA	NA	NA
 (R)-8-(1-((2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++++	++	+++	++	++

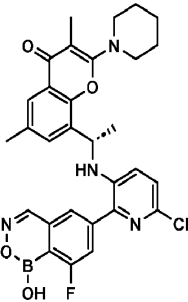
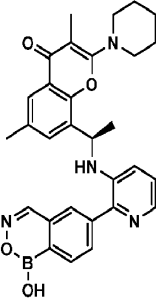
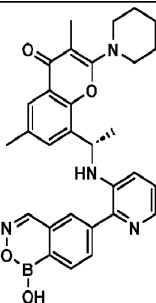
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
dimethyl-2-morpholino-4H-chromen-4-one					
 (S)-8-(1-((2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	+	+	NA	NA	NA
 (R)-8-(1-((6-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++++	++	++++	++	++
 (S)-8-(1-((6-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++	+	+++	NA	NA

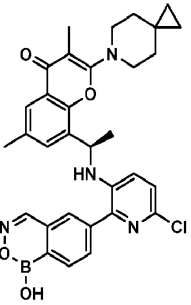
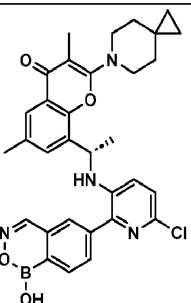
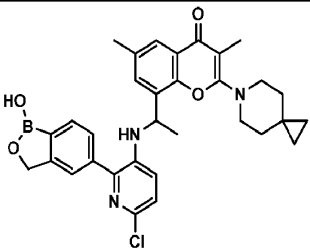
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)pyridin-3-yl)amino)ethyl)-3,6- dimethyl-2-morpholino-4H-chromen- 4-one					
 (R)-8-(1-(((6-chloro-2-(8-fluoro-1- hydroxy-1H- benzo[d][1,2,6]oxazaborinin-6- yl)pyridin-3-yl)amino)ethyl)-2-(4,4- dimethylpiperidin-1-yl)-3,6- dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-8-(1-(((6-chloro-2-(1-hydroxy- 1H-benzo[d][1,2,6]oxazaborinin-6- yl)pyridin-3-yl)amino)ethyl)-3,6- dimethyl-2-morpholino-4H-chromen- 4-one	++++	+++	++++	++	++
 (R)-8-(1-(((6-chloro-2-(1-hydroxy- 1H-benzo[d][1,2,6]oxazaborinin-6- yl)pyridin-3-yl)amino)ethyl)-3,6- dimethyl-2-morpholino-4H-chromen- 4-one	++	+	NA	NA	NA

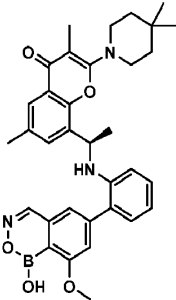
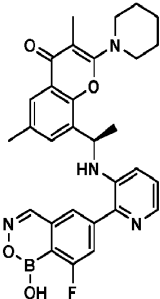
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one					
 (R)-8-(1-((6-chloro-2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++++	+++	+++	++	++
 (S)-8-(1-((6-chloro-2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++	+	NA	NA	NA

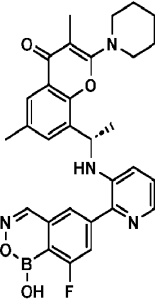
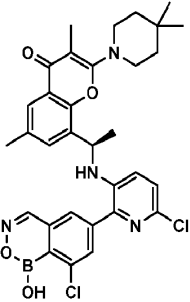
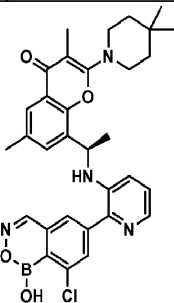
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	+++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++	+	+	+	+
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++	++++	++	++

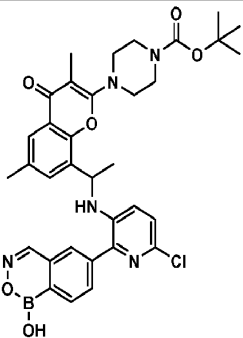
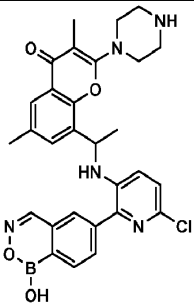
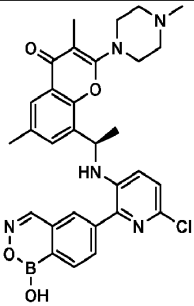
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one					
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-3,4-dihydro-1H-benzo[c][1,2]oxaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	+	++++	++	++
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-3,4-dihydro-1H-benzo[c][1,2]oxaborinin-7-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+++	+	++++	++	++
 (R)-8-(1-((6-chloro-2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	+++	++

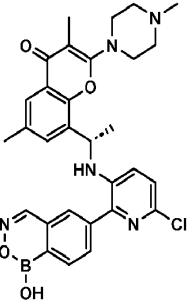
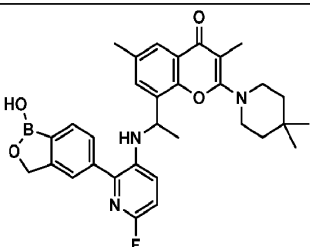
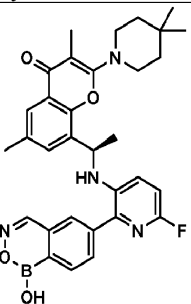
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)pyridin-3-yl)amino)ethyl)-3,6- dimethyl-2-(piperidin-1-yl)-4H- chromen-4-one					
 (S)-8-(1-((6-chloro-2-(8-fluoro-1- hydroxy-1H- benzo[d][1,2,6]oxazaborinin-6- yl)pyridin-3-yl)amino)ethyl)-3,6- dimethyl-2-(piperidin-1-yl)-4H- chromen-4-one	+	+	++	++	++
 (R)-8-(1-((2-(1-hydroxy-1H- benzo[d][1,2,6]oxazaborinin-6- yl)pyridin-3-yl)amino)ethyl)-3,6- dimethyl-2-(piperidin-1-yl)-4H- chromen-4-one	++++	++	++++	++++	++
	++	++	++	++	+

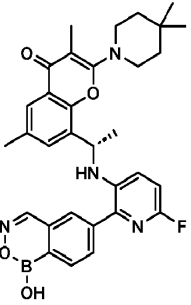
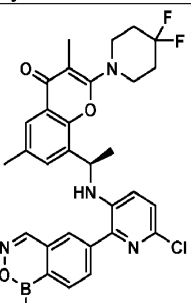
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(S)-8-(1-((2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one					
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(6-azaspiro[2.5]octan-6-yl)-4H-chromen-4-one	++++	+++	++++	++++	+++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(6-azaspiro[2.5]octan-6-yl)-4H-chromen-4-one	++	++	++	++	+
	++++	+	++++	+++	++

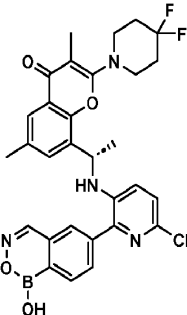
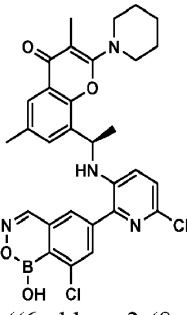
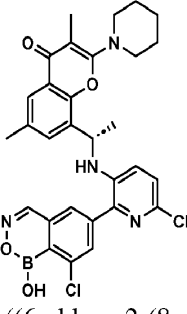
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(6-azaspiro[2.5]octan-6-yl)-4H-chromen-4-one					
 (R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((2-(1-hydroxy-8-methoxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++
 (R)-8-(1-((2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++	++++	++	++

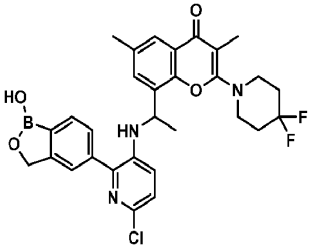
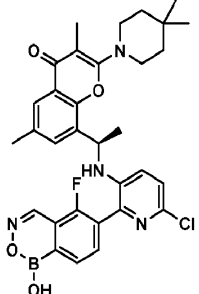
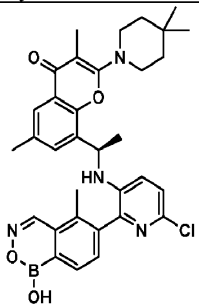
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++	+	++	++	++
 (R)-8-(1-((6-chloro-2-(8-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-8-(1-((2-(8-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++

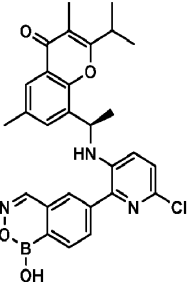
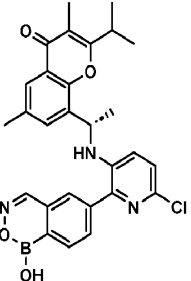
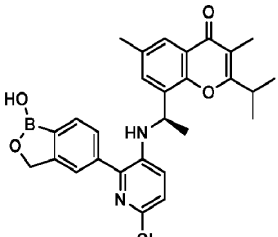
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one					
 tert-butyl 4-(8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4-oxo-4H-chromen-2-yl)piperazine-1-carboxylate	++++	++	++++	++	++
 8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperazin-1-yl)-4H-chromen-4-one	++++	++	+++	++	++
	+++	++	++++	++	++

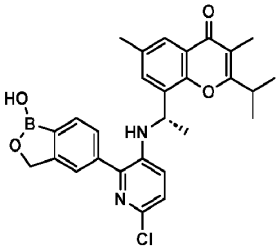
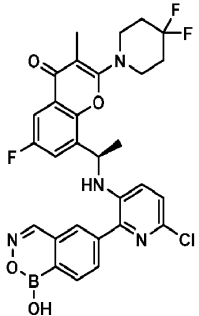
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(4-methylpiperazin-1-yl)-4H-chromen-4-one					
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(4-methylpiperazin-1-yl)-4H-chromen-4-one	++	+	++	++	++
 2-(4,4-dimethylpiperidin-1-yl)-8-(1-((6-fluoro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	+++
	++++	++	++++	++++	++++

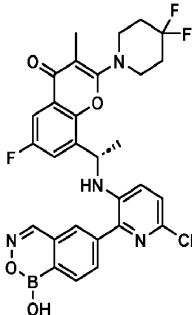
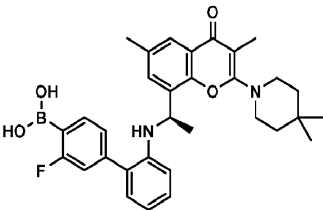
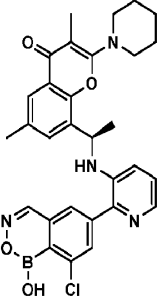
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(R)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((6-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one					
 (S)-2-(4,4-dimethylpiperidin-1-yl)-8-(1-((6-fluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	+	+	++	++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-difluoropiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++++	++++

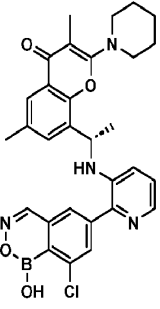
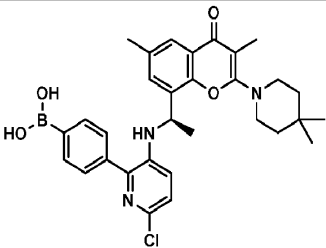
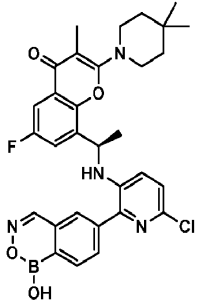
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-difluoropiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	+	+	++	++	++
 (R)-8-(1-((6-chloro-2-(8-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++	++++	++	++
 (S)-8-(1-((6-chloro-2-(8-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++	+	++	++	++

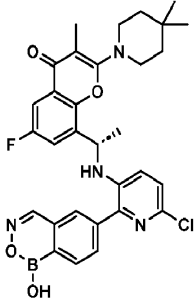
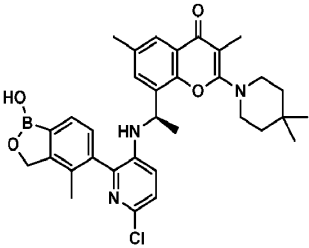
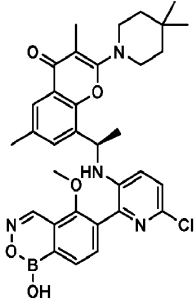
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one					
 8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-difluoropiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	+++
 (R)-8-(1-((6-chloro-2-(5-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	+++
	++++	++	++++	+++	++

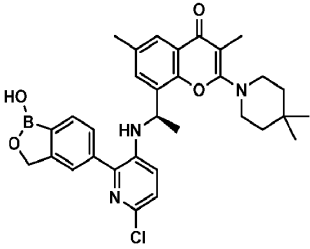
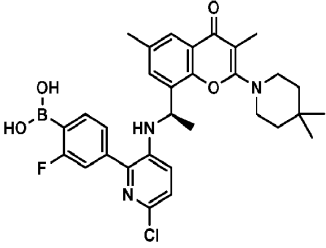
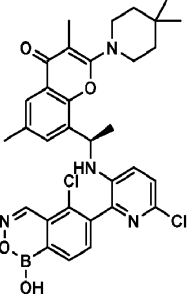
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(R)-8-(1-((6-chloro-2-(1-hydroxy-5-methyl-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one					
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++	+	++	++	++
	++++	+++	++++	++++	++++

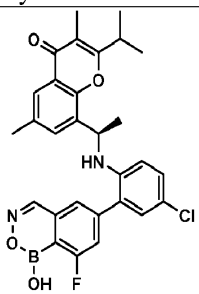
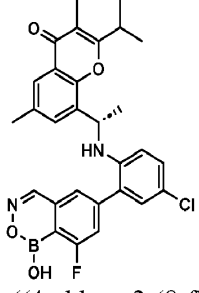
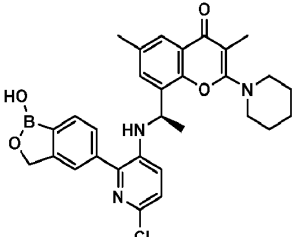
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(R)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one					
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	+++	++	++++	++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-difluoropiperidin-1-yl)-6-fluoro-3-methyl-4H-chromen-4-one	++++	++	++++	+++	++

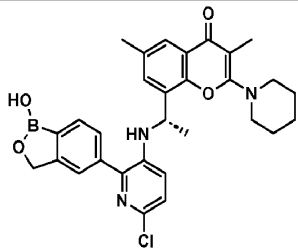
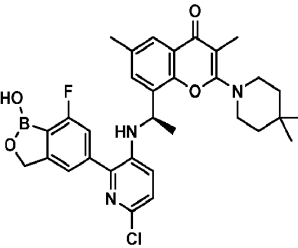
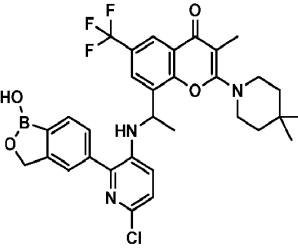
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-difluoropiperidin-1-yl)-6-fluoro-3-methyl-4H-chromen-4-one	++	++	++	++	++
 (R)-(2'-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)-3-fluoro-[1,1'-biphenyl]-4-yl)boronic acid	++++	+	++++	+++	++
 (R)-8-(1-((2-(8-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++	++++	++	++

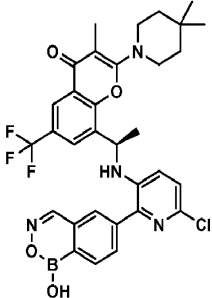
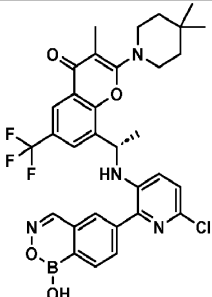
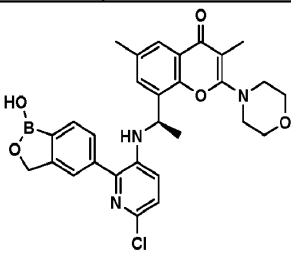
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((2-(8-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++	++	++	++	++
 (R)-4-(6-chloro-3-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)pyridin-2-yl)phenyl)boronic acid	++++	++	++++	+++	+++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-6-fluoro-3-methyl-4H-chromen-4-one	++++	++	++++	+++	++

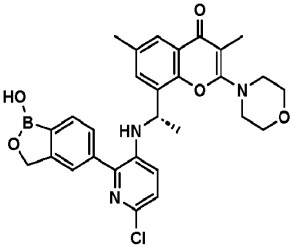
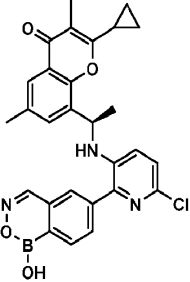
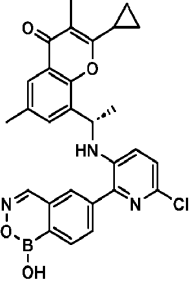
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-6-fluoro-3-methyl-4H-chromen-4-one	++	++	++	++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-4-methyl-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-5-methoxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++

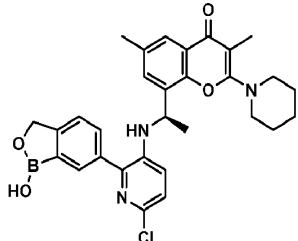
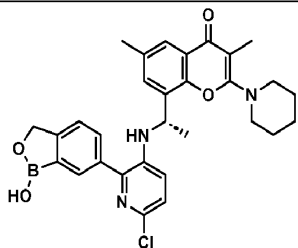
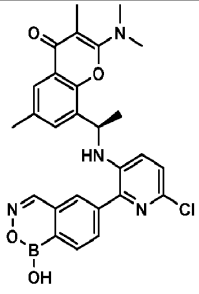
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one					
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	+++
 (R)-4-(6-chloro-3-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)pyridin-2-yl)-2-fluorophenyl)boronic acid	++++	+	++++	++++	++
 (R)-8-(1-((6-chloro-2-(5-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++

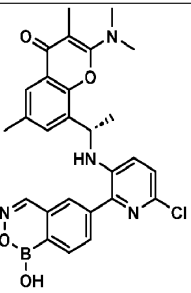
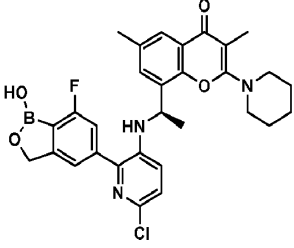
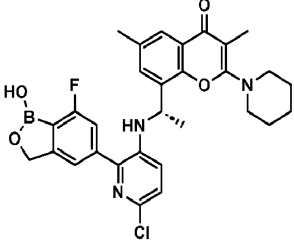
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one					
 (R)-8-(1-((4-chloro-2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	+++	++
 (S)-8-(1-((4-chloro-2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	+++	+	++	++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++++	++++

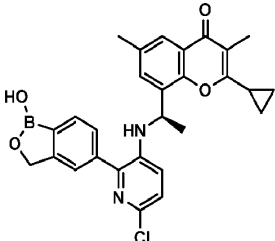
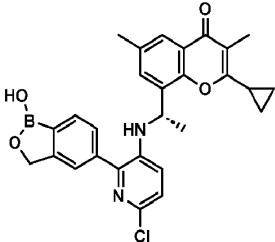
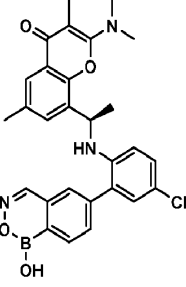
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one					
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	+	++++	++	++
 (R)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++
 8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3-methyl-6-(trifluoromethyl)-4H-chromen-4-one	+++	+	++++	++	++

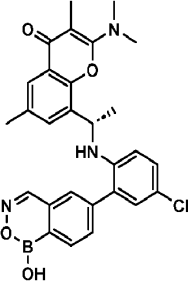
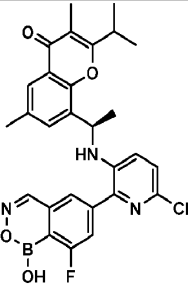
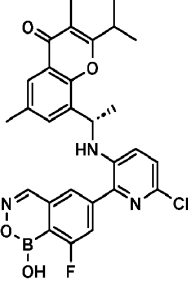
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3-methyl-6-(trifluoromethyl)-4H-chromen-4-one	++++	++	++++	+++	+++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-dimethylpiperidin-1-yl)-3-methyl-6-(trifluoromethyl)-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++++	+++	++++	++++	+++

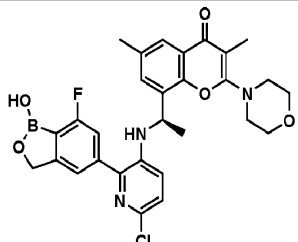
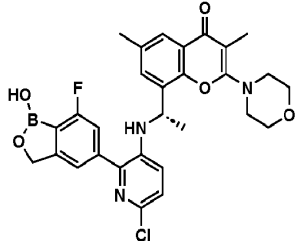
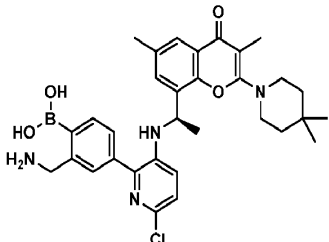
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	NA	NA	+++	++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-cyclopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-cyclopropyl-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++

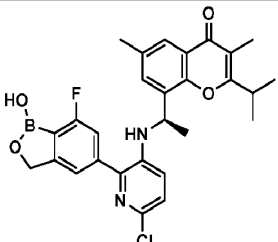
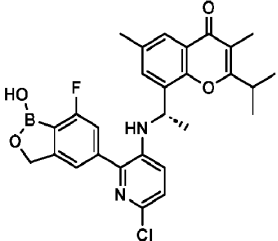
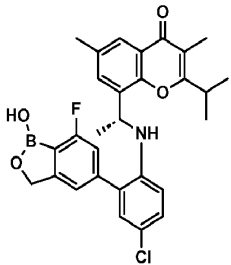
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	+++	++++	++++	++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(dimethylamino)-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	+++	++

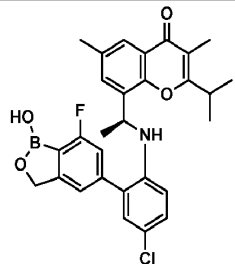
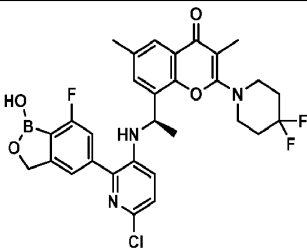
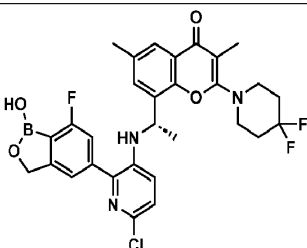
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(dimethylamino)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	NA	NA	++++	++	++

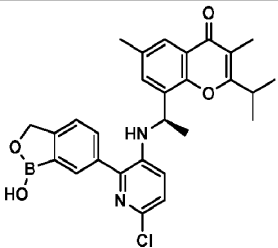
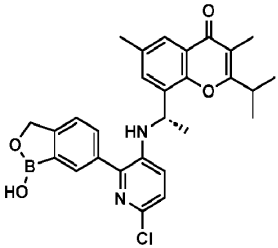
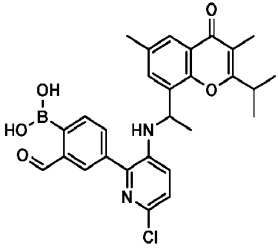
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-cyclopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-cyclopropyl-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((4-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-(dimethylamino)-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	++

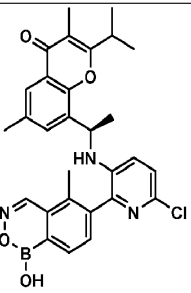
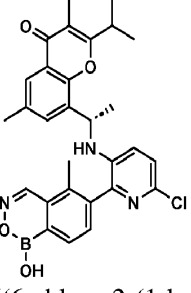
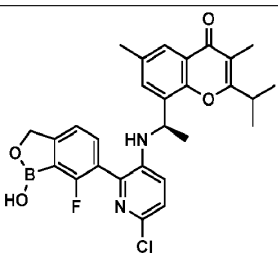
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((4-chloro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-2-(dimethylamino)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((6-chloro-2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	+++
 (S)-8-(1-((6-chloro-2-(8-fluoro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-(dimethylamino)-3,6-dimethyl-4H-chromen-4-one	NA	NA	+++	++	++

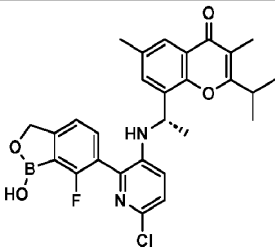
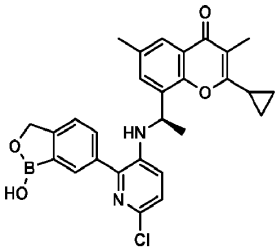
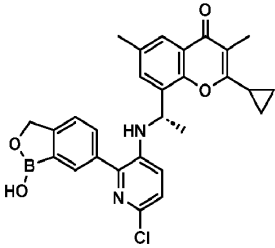
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
isopropyl-3,6-dimethyl-4H-chromen-4-one					
 (R)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	++++	+++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-3,6-dimethyl-2-morpholino-4H-chromen-4-one	NA	NA	++	++	++
 (R)-2-(aminomethyl)-4-(6-chloro-3-((1-(2-(4,4-dimethylpiperidin-1-yl)-3,6-dimethyl-4-oxo-4H-chromen-8-	++++	++	++++	+++	++

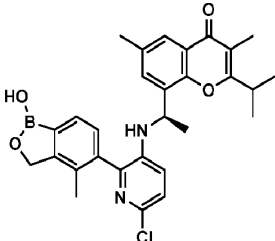
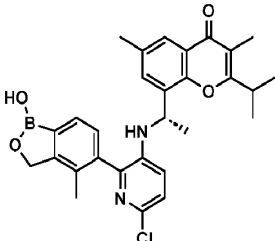
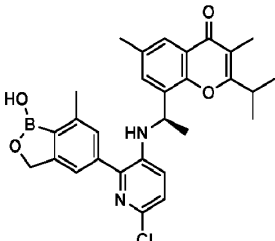
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T-47D	pAKT_S 473 MCF7	pAKT_S 473 SKBR3
yl)ethyl)amino)pyridin-2-yl)phenyl)boronic acid					
 (R)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((4-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	+++	++

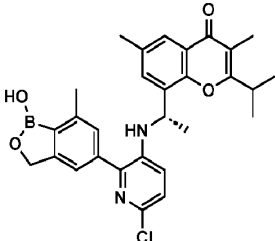
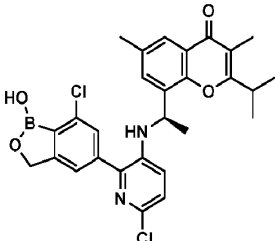
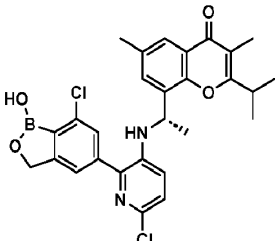
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)phenyl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one					
 (S)-8-(1-((4-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)phenyl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++
 (R)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-difluoropiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-(4,4-difluoropiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	++

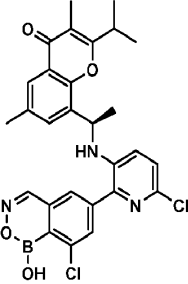
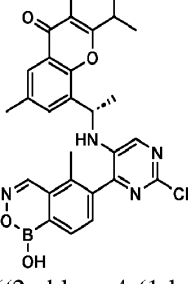
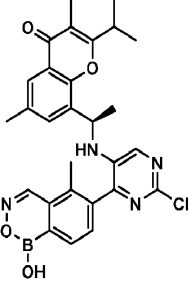
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
difluoropiperidin-1-yl)-3,6-dimethyl-4H-chromen-4-one					
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++++	++++	++++	+++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	NA	NA	++	++	+
 (4-(6-chloro-3-((1-(2-isopropyl-3,6-dimethyl-4-oxo-4H-chromen-8-yl)ethyl)amino)pyridin-2-yl)-2-formylphenyl)boronic acid	++++	++	++++	++++	++++

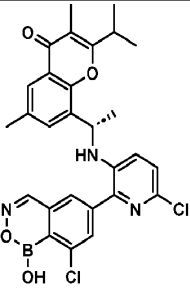
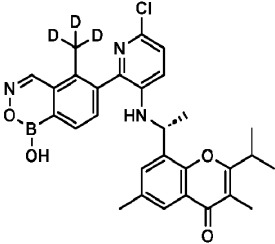
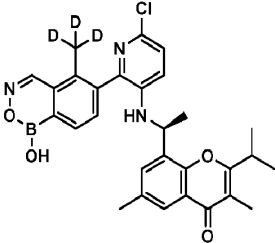
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((6-chloro-2-(1-hydroxy-5-methyl-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++++	+++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-5-methyl-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++	+	++	+	+
 (R)-8-(1-((6-chloro-2-(7-fluoro-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++++	+++

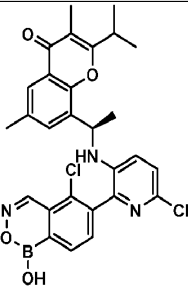
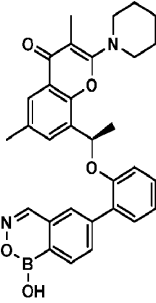
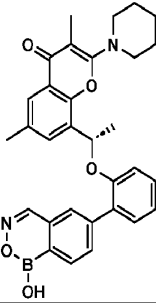
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
isopropyl-3,6-dimethyl-4H-chromen-4-one					
 (S)-8-(1-((6-chloro-2-(7-fluoro-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	+	+	++	+	+
 (R)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-2-cyclopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-2-cyclopropyl-3,6-dimethyl-4H-chromen-4-one	+	+	++	+	+

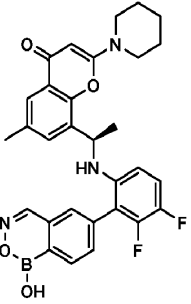
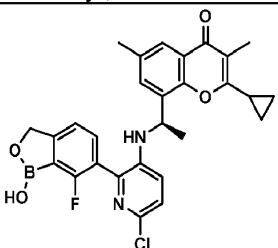
Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((6-chloro-2-(1-hydroxy-4-methyl-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	++++
 (S)-8-(1-((6-chloro-2-(1-hydroxy-4-methyl-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	+	+	+	+	+
 (R)-8-(1-((6-chloro-2-(1-hydroxy-7-methyl-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++++	+++

Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (S)-8-(1-((6-chloro-2-(1-hydroxy-7-methyl-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	+	+	+	+	++
 (R)-8-(1-((6-chloro-2-(7-chloro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	+++
 (S)-8-(1-((6-chloro-2-(7-chloro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	+++	+	++++	+	+

Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
 (R)-8-(1-((6-chloro-2-(8-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	+++	++
 (S)-8-(1-((2-chloro-4-(1-hydroxy-5-methyl-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyrimidin-5-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++	++
 (R)-8-(1-((2-chloro-4-(1-hydroxy-5-methyl-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyrimidin-5-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	+	+	+	+	+

Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
yl)pyrimidin-5-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one					
 (S)-8-(1-(((6-chloro-2-(8-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++	+	+	+	+
 (R)-8-(1-(((6-chloro-2-(1-hydroxy-5-(methyl-d3)-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	+++
 (S)-8-(1-(((6-chloro-2-(1-hydroxy-5-(methyl-d3)-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++	+	+	+	+

Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one					
 (R)-8-(1-((6-chloro-2-(5-chloro-1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)pyridin-3-yl)amino)ethyl)-2-isopropyl-3,6-dimethyl-4H-chromen-4-one	++++	+++	++++	++++	+++
 (R)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++	++++	++	++
	NA	NA	+	+	+

Name	ADP-Glo DR IC ₅₀ (nM) 4.0h pre-inc Avg		In-Cell HTRF IC ₅₀ (nM) 6.0h 10.0%FBS Avg		
	PI3K H1047R	PI3K wt	pAKT_S 473 T- 47D	pAKT_ S473 MCF7	pAKT_S 473 SKBR3
(S)-8-(1-(2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenoxy)ethyl)-3,6-dimethyl-2-(piperidin-1-yl)-4H-chromen-4-one					
 (R)-8-(1-((3,4-difluoro-2-(1-hydroxy-1H-benzo[d][1,2,6]oxazaborinin-6-yl)phenyl)amino)ethyl)-6-methyl-2-(piperidin-1-yl)-4H-chromen-4-one	++++	++	++++	++	+
 (R)-8-(1-((6-chloro-2-(7-fluoro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)pyridin-3-yl)amino)ethyl)-2-cyclopropyl-3,6-dimethyl-4H-chromen-4-one	++++	++	++++	++++	+++