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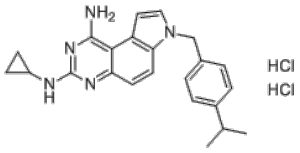
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	SCH 79797 dihydrochloride
Cat. No.	:	PC-61305
CAS No.	:	1216720-69-2
Molecular Formula	:	$C_{23}H_{25}N_5 \cdot 2HCl$
Molecular Weight	:	444.41
Target	:	Protease-activated Receptor (PAR)
Solubility	:	10 mM in DMSO



Biological Activity

SCH79797 dihydrochloride is a potent, selective competitive and nonpeptide **PAR-1** antagonist with IC50 of 70 nM.
SCH79797 inhibits α-thrombin- and haTRAP-induced aggregation of human platelets, but does inhibits human platelet aggregation induced by the tethered ligand agonist for PAR-4, γ-thrombin, ADP, or collagen.
SCH79797 also blocks angiogenesis association with endothelial cell growth suppression and induction of apoptosis.

References

Ahn HS, et al. ***Biochem Pharmacol.*** 2000 Nov 15;60(10):1425-34.

Ahn HS, et al. ***Bioorg Med Chem Lett.*** 1999 Jul 19;9(14):2073-8.

Zania P, et al. ***J Pharmacol Exp Ther.*** 2006 Jul;318(1):246-54.

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