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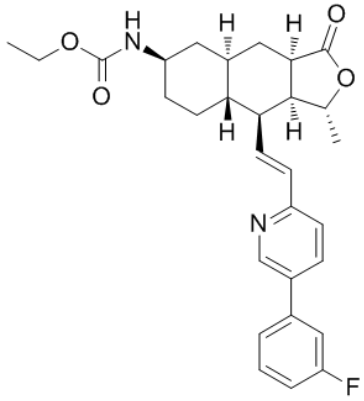
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Vorapaxar
Cat. No.	:	PC-42330
CAS No.	:	618385-01-6
Molecular Formula	:	$C_{29}H_{33}FN_2O_4$
Molecular Weight	:	492.5817
Target	:	Protease-activated Receptor (PAR)
Solubility	:	DMSO: ≥ 30 mg/mL



Biological Activity

Vorapaxar (SCH 530348) is a potent, selective and orally active thrombin receptor **PAR-1** antagonist with Ki of 8.1 nM.
Vorapaxar (SCH 530348) displays no activity against e PAR-2, PAR-3 and PAR-4, and no CYP450 enzyme inhibition potential.
Vorapaxar (SCH 530348) inhibits thrombin (10 nM) induced human platelet aggregation with IC50 of 47 nM.
Vorapaxar (SCH 530348) inhibits haTRAP-induced platelet aggregation in vivo.

References

Chackalamannil S, et al. J Med Chem. 2008 Jun 12;51(11):3061-4.

Chintala M, et al. J Pharmacol Sci. 2008 Dec;108(4):433-8.

Goto S, et al. J Atheroscler Thromb. 2010 Feb 26;17(2):156-64.

Becker RC, et al. Lancet. 2009 Mar 14;373(9667):919-28.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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