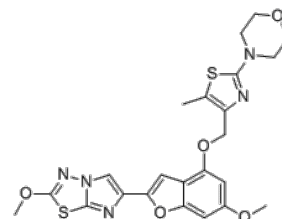


Product Name : BMS-986120
Cat. No. : PC-60548
CAS No. : 1478712-37-6
Molecular Formula : C₂₃H₂₃N₅O₅S₂
Molecular Weight : 513.587
Target : Protease-activated Receptor (PAR)
Solubility : 10 mM in DMSO



Biological Activity

BMS-986120 (BMS986120) is a potent, selective, orally bioavailable, and reversible **PAR4** antagonist with K_d of 0.098 nM for human PAR4.

BMS-986120 selectively inhibits PAR4 AP-induced cellular calcium mobilization in HEK cells with IC₅₀ of 0.56 nM, with no activity on PAR1 and PAR2.

BMS-986120 inhibits human PRP aggregation in response to γ-thrombin in vitro with IC₅₀ of 7.3 nM.

BMS-986120 demonstrates potent and highly efficacious antithrombotic activity with low bleeding in vivo.

References

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Moschonas IC, et al. *Platelets*. 2017 Dec;28(8):812-821.

Wilson SJ, et al. *Arterioscler Thromb Vasc Biol*. 2017 Dec 21. pii: ATVBAHA.117.310104.

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

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