

Product Datasheet

PAR-4 Agonist Peptide, amide TFA (orb1296768)

Catalog Number	orb1296768
Category	Small Molecules
Description	PAR-4-AP (TFA) is a selective agonist for Proteinase-Activated Receptor 4 (PAR-4), showing no activity on PAR-1 or PAR-2. This peptide is a valuable research tool for studying PAR-4 signaling in platelet aggregation, thrombosis, and inflammation in both cellular and animal models.
Target	Protease-activated Receptor
Purity	>99.99% (May vary between batches)
MW	794.82
Target Areas	Protease-activated Receptor
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (6.29 mM);DMSO:250 mg/mL (314.54 mM);H2O:100 mg/mL (125.81 mM)
CAS Number	1228078-65-6
Formula	C ₃₆ H ₄₉ F ₃ N ₈ O ₉
SMILES	OC(=O)C(F)(F)F.C[C@H](N)C(=O)N[C@@H](Cc1ccc(O)cc1)C(=O)N1CCC[C@H]1C(=O)NCC(=O)N[C@@H](CCCCN)C(=O)N[C@@H](Cc1ccccc1)C(N)=O
Storage	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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