

Product Datasheet

Angiopeptin TFA (orb1981419)

Catalog Number	orb1981419
Category	Small Molecules
Description	Angiopeptin TFA, a cyclic octapeptide analogue of somatostatin, acts as a partial agonist at sst 2/sst 5 receptors, with IC50 values of 0.26 nM and 6.92 nM, respectively. It effectively inhibits the release of growth hormone and the production of insulin-like growth factor-1 (IGF-1), and either inhibits adenylate cyclase activity or promotes extracellular acidification. Angiopeptin TFA shows promise for use in coronary atherosclerosis research.
Target	Somatostatin,AChR
MW	1326.39
CAS Number	2478421-60-0
Formula	C ₅₈ H ₇₃ F ₆ N ₁₁ O ₁₄ S ₂
SMILES	<chem>OC(=O)C(F)(F)F.OC(=O)C(F)(F)F.CC(C)[C@H](NC(=O)[C@H](CCCCN)NC(=O)[C@H](Cc1c[nH]c2cccc12)NC(=O)[C@H](Cc1ccc(O)cc1)NC(=O)[C@H](CS)NC(=O)[C@H](N)Cc1ccc2cccc2c1)C(=O)N[C@@H](CS)C(=O)N[C@@H]([C@@H](C)O)C(N)=O</chem>
Storage	-20°C
Note	For research use only

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