

Product Datasheet

Adenylyl cyclase type 2 agonist-1 (orb1686145)

Catalog Number	orb1686145
Category	Small Molecules
Description	Adenylyl cyclase type 2 agonist-1 is a potent and selective AC2 activator with an EC50 of 90 nM. This compound serves as a valuable research tool for investigating cAMP signaling pathways in respiratory disease models, including studies of airway inflammation and bronchodilation in both cellular and animal systems.
Target	AChR,Others
MW	550.78
CAS Number	2414908-52-2
Formula	C ₂₇ H ₁₇ BrClNO ₅
SMILES	<chem>O=C1C2([C@@]3([C@]([C@H](O2)C4=CC=C(C)C=C4)(C(=O)N(C3=O)C5=C(Cl)C=CC=C5)[H])[H])C(=O)C=6C1=CC=C(Br)C6</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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