

Product Datasheet

Amp579 TFA (orb1962256)

Catalog Number	orb1962256
Category	Tools
Description	Amp579 TFA is a dual adenosine A1/A2a receptor agonist used in cardiovascular research. It has been shown to elicit both acute and delayed preconditioning, protecting against myocardial shock in vivo models. This small molecule is a valuable tool for studying ischemic preconditioning mechanisms.
Target	Adenosine Receptor
Purity	97.91%
MW	592.03
Target Areas	Adenosine Receptor
Solubility (25°C)	DMSO:55 mg/mL (92.9 mM)
Formula	C ₂₄ H ₂₉ ClF ₃ N ₅ O ₅ S
SMILES	<chem>O[C@H]1[C@@H](C[C@@H]([C@H]1O)C(NCC)=O)N2C3=NC=NC(N[C@H](CC)CC4=C(C=CS4)Cl)=C3C=C2.OC(C(F)(F)F)=O</chem>
Storage	store at low temperature 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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