

Product Datasheet

Adenosine amine congener (orb1299595)

Catalog Number	orb1299595
Category	Small Molecules
Description	Adenosine amine congener (ADAC) is a selective A1 adenosine receptor agonist. It is a research tool used in vitro and in vivo to study cardiac protection, neuroprotection, and the modulation of neuronal activity.
Target	Adenosine Receptor
Purity	98.29% (May vary between batches)
MW	576.6
Target Areas	Adenosine Receptor
Solubility (25°C)	DMSO:31.25 mg/mL (54.2 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.47 mM)
CAS Number	96760-69-9
Formula	C ₂₈ H ₃₂ N ₈ O ₆
SMILES	<chem>NCCNC(=O)Cc1ccc(NC(=O)Cc2ccc(Nc3ncnc4n(cnc34)[C@@H]3O[C@H](CO)[C@@H](O)[C@H]3O)cc2)cc1</chem>
Storage	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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