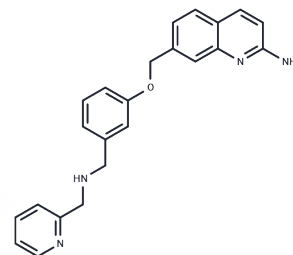


nNOS-IN-5

Chemical Properties

CAS No. :	2945955-27-9
Formula:	C ₂₃ H ₂₂ N ₄ O
Molecular Weight:	370.447
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	nNOS-IN-5 (Compound 9) is a potent inhibitor of human neuronal nitric oxide synthase (nNOS) with a K_i of 22 nM. It exhibits remarkable selectivity, being 900 times more selective for human nNOS over endothelial nitric oxide synthase (eNOS). nNOS-IN-5 is applicable in research related to neurodegenerative diseases, such as Alzheimer's disease and Parkinson's disease.
Targets(IC50)	NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6994 mL	13.4971 mL	26.9942 mL
5 mM	0.5399 mL	2.6994 mL	5.3988 mL
10 mM	0.2699 mL	1.3497 mL	2.6994 mL
50 mM	0.054 mL	0.2699 mL	0.5399 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481