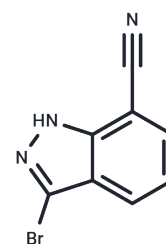


iNOS-IN-14

Chemical Properties

CAS No. :	945762-00-5
Formula:	C ₈ H ₄ BrN ₃
Molecular Weight:	222.04
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	iNOS-IN-14 (3-bromo-1H-indazole-7-carbonitrile) is a potent nitric oxide synthase (NOS) inhibitor that inhibits the NADPH oxidase activity of nNOS.
Targets(IC50)	NOS,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5037 mL	22.5185 mL	45.0369 mL
5 mM	0.9007 mL	4.5037 mL	9.0074 mL
10 mM	0.4504 mL	2.2518 mL	4.5037 mL
50 mM	0.0901 mL	0.4504 mL	0.9007 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.

Reference

Cottyn B, et al. Inhibitory effects of a series of 7-substituted-indazoles toward nitric oxide synthases: particular potency of 1H-indazole-7-carbonitrile. *Bioorg Med Chem.* 2008 Jun 1;16(11):5962-73.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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