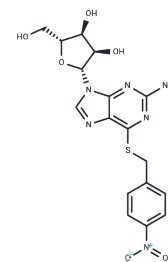


NBTGR

Chemical Properties

CAS No. :	13153-27-0
Formula:	C17H18N6O6S
Molecular Weight:	434.43
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	NBTGR is a potent nucleoside transport inhibitor(adenosine uptake ,K _i of 70 nM).
Targets(IC50)	Others,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3019 mL	11.5093 mL	23.0187 mL
5 mM	0.4604 mL	2.3019 mL	4.6037 mL
10 mM	0.2302 mL	1.1509 mL	2.3019 mL
50 mM	0.046 mL	0.2302 mL	0.4604 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

Turnheim K, et al. Inhibition of adenosine uptake in human erythrocytes by adenosine-5'-carboxamides, xylosyladenine, dipyridamole, hexobendine, and p-nitrobenzylthioguanosine. *Biochem Pharmacol.* 1978;27(18): 2191-7.

Parterson A, et al. Nucleoside Transport II Inhibition by p-Nitrobenzylthiogoanosine and Related Compounds. *Can. J. Biochem.* 49,271-274 (1971)

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