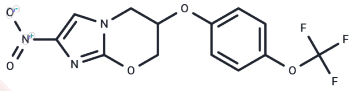
Data Sheet (Cat.No.T24011)

TargetMol

DNDI-8219

Chemical Properties



CAS No. : 1333170-15-2

Formula: C13H10F3N3O5

Molecular Weight: 345.23

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	DNDI-8219 is an antitubercular agent. It has potent antileishmanial effects.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8966 mL	14.4831 mL	28.9662 mL
5 mM	0.5793 mL	2.8966 mL	5.7932 mL
10 mM	0.2897 mL	1.4483 mL	2.8966 mL
50 mM	0.0579 mL	0.2897 mL	0.5793 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

Thompson AM, O'Connor PD, Marshall AJ, Blaser A, Yardley V, Maes L, Gupta S, Launay D, Braillard S, Chatelain E, Wan B, Franzblau SG, Ma Z, Cooper CB, Denny WA. Development of (6R)-2-nitro-6-[4-(trifluoromethoxy)phenoxy] -6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazine (DNDI-8219): a new lead for visceral leishmaniasis. J Med Chem. 2018 Feb 20. doi: 10.1021/acs.jmedchem.7b01581. [Epub ahead of print] PubMed PMID: 29461823.

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