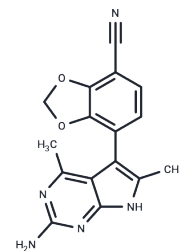


DNDI-6174

Chemical Properties

CAS No. : 2868298-43-3
 Formula: C₁₆H₁₃N₅O₂
 Molecular Weight: 307.31
 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-6174, a cytochrome bc1 complex inhibitor, exhibits potent in vitro activity against various Leishmania species and can reduce parasite burden in animal models of infection [1].
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.254 mL	16.2702 mL	32.5404 mL
5 mM	0.6508 mL	3.254 mL	6.5081 mL
10 mM	0.3254 mL	1.627 mL	3.254 mL
50 mM	0.0651 mL	0.3254 mL	0.6508 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

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