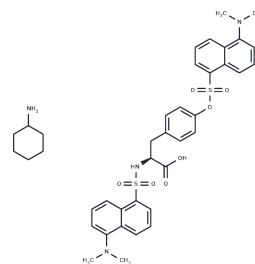


N,O-Didansyl-L-tyrosine cyclohexylammonium

Chemical Properties

CAS No. :	102783-47-1
Formula:	C39H46N4O7S2
Molecular Weight:	746.94
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N,O-Didansyl-L-tyrosine cyclohexylammonium is a potent and selective inhibitor of thymidylate synthase (TS), showing activity against TS in Escherichia coli, Lactobacillus casei, and humans, with IC50 values of 5.0, 3.4, and 119 μ M, respectively [1].
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3388 mL	6.694 mL	13.388 mL
5 mM	0.2678 mL	1.3388 mL	2.6776 mL
10 mM	0.1339 mL	0.6694 mL	1.3388 mL
50 mM	0.0268 mL	0.1339 mL	0.2678 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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