

CTP-NBD

Chemical Properties

CAS No. : 1268513-27-4

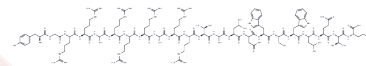
Formula: C121H194N46O32

Molecular Weight: 2805.12

Keep away from moisture

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	CTP-NBD is a cell-permeable, specific inhibitor of the NFκB peptide, which has been utilized in studies of colitis [1] [2].
Targets(IC50)	NF-κB
In vitro	CTP-NBD (200 μM, 6h) inhibits TNF-α-induced luciferase activity in HCT116 cells [1].
In vivo	CTP-NBD was ineffective in reducing inflammation in a colitis rat model; however, the modified, colon-targeted CTP-NBD showed oral activity and was capable of decreasing inflammation in the same model [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3565 mL	1.7825 mL	3.5649 mL
5 mM	0.0713 mL	0.3565 mL	0.713 mL
10 mM	0.0356 mL	0.1782 mL	0.3565 mL
50 mM	0.0071 mL	0.0356 mL	0.0713 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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