

DT-2 acetate

Chemical Properties

CAS No. :

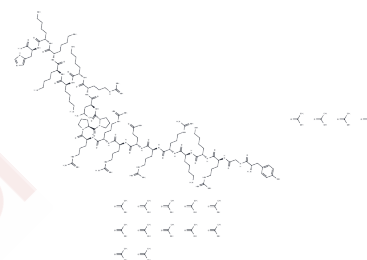
Formula: C154H287N53O55

Molecular Weight: 3761.25

Storage: Store at low temperature, Keep away from moisture

Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	DT-2 acetate, a selective cGMP-dependent protein kinase (PKG) inhibitor, is a mouse monoclonal antibody targeting canine thymocytes. DT-2 acetate inhibits PKG-catalyzed phosphorylation, reverses 8-Br-cGMP-induced expansion, and can be used to study immune disorders.
Targets(IC50)	PKA

Solubility Information

Solubility	H2O: 100 mg/mL (26.59 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2659 mL	1.3293 mL	2.6587 mL
5 mM	0.0532 mL	0.2659 mL	0.5317 mL
10 mM	0.0266 mL	0.1329 mL	0.2659 mL
50 mM	0.0053 mL	0.0266 mL	0.0532 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

Pinkse MWH, et al. Mode of action of cGMP-dependent protein kinase-specific inhibitors probed by photoaffinity cross-linking mass spectrometry. J Biol Chem. 2009 Jun 12;284(24):16354-16368.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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