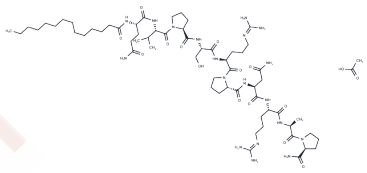
Data Sheet (Cat.No.TP1907L1)

TargetMol

Dynamin inhibitory peptide, myristoylated acetate

Chemical Properties



CAS No. :

Formula: C63H111N19O16

Molecular Weight: 1390.67

Storage: Keep away from moisture
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	Dynamin inhibitory peptide, myristoylated acetate is a DynaMin inhibitor to interfere with the binding of amphiphysin with dynamin. DynaMin inhibitory peptide, myristoylated TFA is a membrane-permeant form of the peptide that prevents endocytosis.
Targets(IC50)	Dynamin

Solubility Information

Solubility	DMSO: 5 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7191 mL	3.5954 mL	7.1908 mL
5 mM	0.1438 mL	0.7191 mL	1.4382 mL
10 mM	0.0719 mL	0.3595 mL	0.7191 mL
50 mM	0.0144 mL	0.0719 mL	0.1438 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

Grabs et al (1997) The SH3 domain of amphiphysin binds the proline-rich domain of dynamin at a single site that defines a new SH3 binding consensus sequence. J.Biol.Chem. 272 13419 PMID:
Kittler et al (2000) Constitutive endocytosis of GABAA receptors by an association with the adaptin AP2 complex modulates inhibitory synaptic currents in hippocampal neurons. J.Neurosci. 20 7972 PMID:
Nong et al (2003) Glycine binding primes NMDA receptor internalization. Nature 422 302 PMID:

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481