

JMV 449 acetate

Chemical Properties

CAS No. :

Formula: C40H70N8O9

Molecular Weight: 807.03

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	JMV 449 acetate is a potent neurotensin receptor agonist. JMV 449 acetate shows an IC ₅₀ of 0.15 nM for inhibition of 125 I-neurotensin binding to neonatal mouse brain and an EC ₅₀ of 1.9 nM in contracting the guinea-pig ileum. JMV 449 acetate has highly potent and long-lasting hypothermic and analgesic effects in the mouse [1] [2] .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2391 mL	6.1956 mL	12.3911 mL
5 mM	0.2478 mL	1.2391 mL	2.4782 mL
10 mM	0.1239 mL	0.6196 mL	1.2391 mL
50 mM	0.0248 mL	0.1239 mL	0.2478 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.

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