

POT-4 acetate

Chemical Properties

CAS No. :

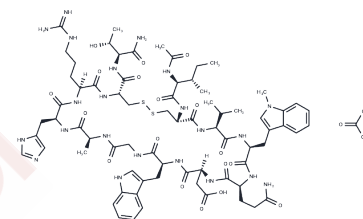
Formula: C74H106N22O20S2

Molecular Weight: 1687.9

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	POT-4 acetate inhibits Complement C3 activation. POT-4 acetate can be used for studies about age-related macular degeneration.
Targets(IC50)	Complement System
In vitro	POT-4 acetate, a compstatin derivative, binds to C3 and prevents cleavage to its active fragments C3a and C3b[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5925 mL	2.9623 mL	5.9245 mL
5 mM	0.1185 mL	0.5925 mL	1.1849 mL
10 mM	0.0592 mL	0.2962 mL	0.5925 mL
50 mM	0.0118 mL	0.0592 mL	0.1185 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

Robyn Troutbeck, et al. Therapeutic targeting of the complement system in age-related macular degeneration: a review. Clin Exp Ophthalmol. Jan-Feb 2012;40(1):18-26.

S. Kaushal, et al. Complement C3 inhibitor POT-4: Clinical Safety of Intravitreal Administration. ARVO Annual Meeting Abstract, 2009 Apr.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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