

Orexin B, human acetate

Chemical Properties

CAS No. :

Formula: C123H212N44O35S

Molecular Weight: 2899.34

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	Orexin B, human acetate is the acetate form of Orexin B, human. It acts as an agonist for the orexin receptors (Orexin Receptor, OX Receptor), with a K_i of 420 nM for OXR1 and 36 nM for OXR2. Orexin B, human acetate plays a role in modulating appetite, wakefulness, cardiovascular function, and neuroendocrine activity.
Targets(IC50)	OX Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3449 mL	1.7245 mL	3.4491 mL
5 mM	0.069 mL	0.3449 mL	0.6898 mL
10 mM	0.0345 mL	0.1725 mL	0.3449 mL
50 mM	0.0069 mL	0.0345 mL	0.069 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

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481