

[Ala11,D-Leu15]-Orexin B acetate

Chemical Properties

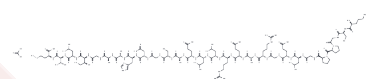
CAS No. :

Formula: C122H210N44O37S

Molecular Weight: 2917.31

Storage: Store at low temperature, 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	[Ala11,D-Leu15]-Orexin B acetate is a selective agonist of orexin-2 receptor (OX2) with an EC50 of 0.13 nM, showing 400-fold selectivity over OX1 (52 nM).
Targets(IC50)	OX Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3428 mL	1.7139 mL	3.4278 mL
5 mM	0.0686 mL	0.3428 mL	0.6856 mL
10 mM	0.0343 mL	0.1714 mL	0.3428 mL
50 mM	0.0069 mL	0.0343 mL	0.0686 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

Asahi S, et al. Development of an orexin-2 receptor selective agonist, [Ala(11), D-Leu(15)]orexin-B. Bioorg Med Chem Lett. 2003;13(1):111-113.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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