

[Ala11,D-Leu15]-Orexin B(human) TFA

Chemical Properties

CAS No. :

Formula: C122H207F3N44O37S

Molecular Weight: 2971.28

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	[Ala11,D-Leu15]-Orexin B(human) TFA is a potent, selective agonist for the orexin-2 receptor (OX2), demonstrating 400-fold higher selectivity for OX2 (EC50=0.13 nM) compared to the orexin-1 receptor (OX1) with an EC50 of 52 nM.
Targets(IC50)	OX Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3366 mL	1.6828 mL	3.3656 mL
5 mM	0.0673 mL	0.3366 mL	0.6731 mL
10 mM	0.0337 mL	0.1683 mL	0.3366 mL
50 mM	0.0067 mL	0.0337 mL	0.0673 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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