

OXA(17-33) TFA

Chemical Properties

CAS No. :

Formula: C81H126F3N23O24

Molecular Weight: 1863

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	OXA(17-33) TFA is a potent and selective agonist for the orexin-1 receptor (OX1), with approximately 23-fold higher affinity for OX1 (EC50 = 8.29 nM) compared to the orexin-2 receptor (OX2) (187 nM) [1].
Targets(IC50)	OX Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5368 mL	2.6838 mL	5.3677 mL
5 mM	0.1074 mL	0.5368 mL	1.0735 mL
10 mM	0.0537 mL	0.2684 mL	0.5368 mL
50 mM	0.0107 mL	0.0537 mL	0.1074 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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