

## OXA (17-33) acetate

## Chemical Properties

CAS No. :

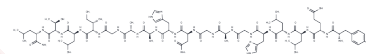
Formula: C79H125N23O22

Molecular Weight: 1748.98

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) acetate is a more potent agonist of orexin-1 receptor (OX1, EC50 = 8.29 nM) over OX2 (EC50 = 187 nM).
Targets(IC50)	OX Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5718 mL	2.8588 mL	5.7176 mL
5 mM	0.1144 mL	0.5718 mL	1.1435 mL
10 mM	0.0572 mL	0.2859 mL	0.5718 mL
50 mM	0.0114 mL	0.0572 mL	0.1144 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

German NA, et al. Truncated Orexin Peptides: Structure-Activity Relationship Studies. ACS Med Chem Lett. 2013;4 (12):1224-1227.

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