

BWX 46 Acetate

Chemical Properties

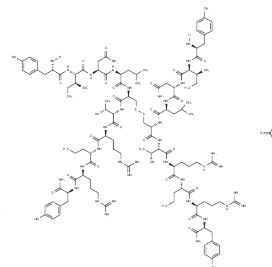
CAS No. :

Formula: C118H190N36O30S2

Molecular Weight: 2657.12

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	BWX 46 Acetate is a potent, highly selective neuropeptide Y (NPY) receptor agonist with IC50 of 0.5 nM.
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3763 mL	1.8817 mL	3.7635 mL
5 mM	0.0753 mL	0.3763 mL	0.7527 mL
10 mM	0.0376 mL	0.1882 mL	0.3763 mL
50 mM	0.0075 mL	0.0376 mL	0.0753 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

Balasubramaniam A , Sheriff S , Zhai W , et al. Bis(31/31')[[Cys(31), Nva(34)]NPY(27-36)-NH(2)]: a neuropeptide Y (NPY) Y(5) receptor selective agonist with a latent stimulatory effect on food intake in rats.]]]. Peptides, 2002, 23(8): 1485-1490.

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