

BigLEN (mouse) acetate

Chemical Properties

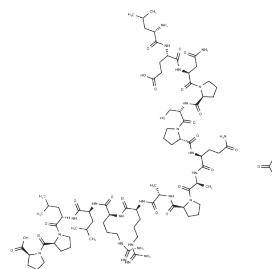
CAS No. :

Formula: C80H134N24O24

Molecular Weight: 1816.07

Storage: Keep away from moisture, Store at low temperature
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	BigLEN (mouse) acetate is a potent and selective agonist of orphan G protein-coupled receptor 171 (GPR171), with a Kd of 0.5 nM.
Targets(IC50)	GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5506 mL	2.7532 mL	5.5064 mL
5 mM	0.1101 mL	0.5506 mL	1.1013 mL
10 mM	0.0551 mL	0.2753 mL	0.5506 mL
50 mM	0.011 mL	0.0551 mL	0.1101 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

Gomes I, et, al. GPR171 is a hypothalamic G protein-coupled receptor for BigLEN, a neuropeptide involved in feeding. Proc Natl Acad Sci U S A. 2013 Oct 1;110(40):16211-6.

Mack SM, et, al. Neuropeptide PEN and Its Receptor GPR83: Distribution, Signaling, and Regulation. ACS Chem Neurosci. 2019 Apr 17;10(4):1884-1891.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481