

PEN(mouse) acetate

Chemical Properties

CAS No. :

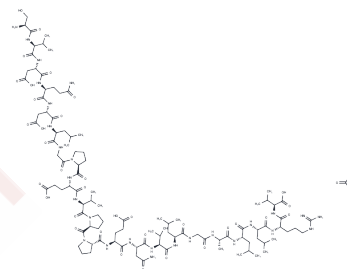
Formula: C104H173N27O36

Molecular Weight: 2377.65

Store at low temperature, 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	PEN(mouse) acetate (proSAAS(221-242) Acetate) (1236955-25-1 Free base) is a polypeptide derivative.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4206 mL	2.1029 mL	4.2058 mL
5 mM	0.0841 mL	0.4206 mL	0.8412 mL
10 mM	0.0421 mL	0.2103 mL	0.4206 mL
50 mM	0.0084 mL	0.0421 mL	0.0841 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

Wardman JH, et al. ProSAAS-derived peptides are colocalized with neuropeptide Y and function as neuropeptides in the regulation of food intake. PLoS One. 2011;6(12):e28152.

Gomes et al (2016) Identification of GPR83 as the receptor for the neuroendocrine peptide PEN. Sci.Signal. 9 ra43

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