

δ -Sleep Inducing Peptide acetate

Chemical Properties

CAS No. :

Formula: C37H52N10O17

Molecular Weight: 908.87

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	δ -Sleep Inducing Peptide acetate, a neuropeptide, exhibits antioxidant and anxiolytic properties [1] [2].
Targets(IC50)	Others
In vivo	δ -Sleep Inducing Peptide (DSIP) enhances spindle activity in rabbits and slightly decreases heart and respiratory rates [1]. Intraperitoneal administration of DSIP (40-360 μ g/kg) increases catalase and superoxide dismutase (SOD) activities and malondialdehyde (MDA) levels in liver homogenates of acutely stressed rats at 40 μ g/kg, but this effect is reversed at 120 and 360 μ g/kg [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1003 mL	5.5013 mL	11.0027 mL
5 mM	0.2201 mL	1.1003 mL	2.2005 mL
10 mM	0.110 mL	0.5501 mL	1.1003 mL
50 mM	0.022 mL	0.110 mL	0.2201 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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