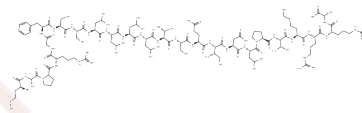


Humanin

Chemical Properties

CAS No. :	330936-69-1
Formula:	C119H204N34O32S2
Molecular Weight:	2687.23
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Humanin, a 24-amino acid anti-apoptotic peptide and Bax inhibitor, prevents Bax translocation from the cytosol to mitochondria and obstructs its activation. This mitochondria-associated peptide has neuroprotective properties against Alzheimer's Disease (AD)-related neurotoxicity and enhances insulin sensitivity in animals, linking it to aging processes [1] [2]. An analogue named HNG, with serine at position 14 substituted for glycine, has been developed [2].
Targets(IC50)	Bcl-2 Family

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3721 mL	1.8607 mL	3.7213 mL
5 mM	0.0744 mL	0.3721 mL	0.7443 mL
10 mM	0.0372 mL	0.1861 mL	0.3721 mL
50 mM	0.0074 mL	0.0372 mL	0.0744 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481