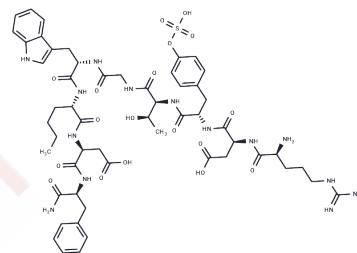


[Thr28, Nle31]-Cholecystokinin (25-33), sulfated

Chemical Properties

CAS No. :	77568-41-3
Formula:	C55H74N14O18S
Molecular Weight:	1251.32
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	[Thr28, Nle31]-Cholecystokinin (25-33) is a bioactive peptide analog of Cholecystokinin (CCK) that functions as both a hormone and neurotransmitter in the gastrointestinal and central nervous systems, playing a role in satiation by inhibiting food intake. Compared to native CCK8, this analog displays enhanced stability in acidic environments and resistance to air oxidation, due to the substitution of Methionine with Threonine at position 28 and Norleucine at position 31. Structurally, it features a gamma-turn at Thr4, followed by a Gly5-separated helical region encompassing the C-terminal residues.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7992 mL	3.9958 mL	7.9916 mL
5 mM	0.1598 mL	0.7992 mL	1.5983 mL
10 mM	0.0799 mL	0.3996 mL	0.7992 mL
50 mM	0.016 mL	0.0799 mL	0.1598 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