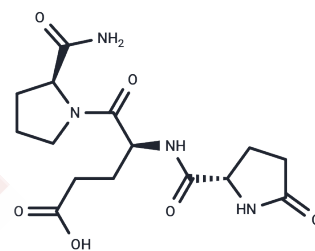


(Glu2)-TRH

Chemical Properties

CAS No. : 85541-78-2
 Formula: C₁₅H₂₂N₄O₆
 Molecular Weight: 354.36
 Storage: Keep away from moisture
 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	(Glu2)-TRH, a metabolically stable analogue of Thyrotropin-releasing hormone (TRH), acts as a negative modulator of TRH's cholinergic effect in the mouse brain, significantly reducing TRH-induced release of extracellular acetylcholine in the hippocampus. Resistant to metabolism by thyroliberinase, (Glu2)-TRH exhibits neuroprotective, antidepressant, and anticonvulsant properties in the CNS [1].
Targets(IC50)	Endogenous Metabolite,Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.822 mL	14.1099 mL	28.2199 mL
5 mM	0.5644 mL	2.822 mL	5.644 mL
10 mM	0.2822 mL	1.411 mL	2.822 mL
50 mM	0.0564 mL	0.2822 mL	0.5644 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