

His-D-beta-Nal-Ala-Trp-D-Phe-Lys-NH₂ TFA

Chemical Properties

CAS No. :

Formula: C₅₀H₅₈F₃N₁₁O₈

Molecular Weight: 998.06

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	His-D-beta-Nal-Ala-Trp-D-Phe-Lys-NH ₂ TFA, a growth hormone releasing peptide and metabolite of GHRP-1 (Ala-His-D-beta-Nal-Ala-Trp-D-Phe-Lys-NH ₂), stimulates growth hormone (GH) secretion and elevates intracellular calcium concentration ([Ca ²⁺] _i) in rat pituitary gland monolayer cells without altering cAMP levels [1].
Targets(IC50)	Endogenous Metabolite,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0019 mL	5.0097 mL	10.0194 mL
5 mM	0.2004 mL	1.0019 mL	2.0039 mL
10 mM	0.1002 mL	0.501 mL	1.0019 mL
50 mM	0.020 mL	0.1002 mL	0.2004 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.

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