

(D-His(Bzl)6)-LHRH (1-7) (free acid)

Chemical Properties

CAS No. : 1926163-27-0

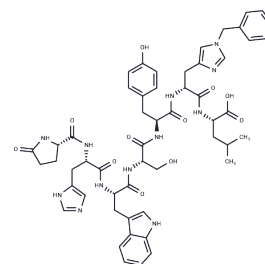
Formula: C53H62N12O11

Molecular Weight: 1043.13

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	(D-His(Bzl)6)-LHRH (1-7) free acid is a synthetic peptide derived from luteinizing hormone-releasing hormone (LHRH). It achieves enhanced stability and biological activity through the introduction of non-natural amino acid residues at specific positions within the LHRH molecule. This modification extends the drug's half-life in the body, reduces its rate of rapid metabolism and clearance, and subsequently increases its efficacy in inhibiting cell proliferation.
Targets(IC50)	GNRH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9587 mL	4.7933 mL	9.5865 mL
5 mM	0.1917 mL	0.9587 mL	1.9173 mL
10 mM	0.0959 mL	0.4793 mL	0.9587 mL
50 mM	0.0192 mL	0.0959 mL	0.1917 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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