

Product datasheet

[D-Trp6]-LH-RH, LHRH and GnRH agonist ab142700

1 Image

Overview

Product name	[D-Trp6]-LH-RH, LHRH and GnRH agonist
Description	LHRH and GnRH agonist
Biological description	Luteinizing hormone- and gonadotropin- releasing hormone agonist. Antineoplastic and luteolytic agent. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	57773-63-4
Chemical structure	<chem>Glp-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-Gly-NH2</chem>

Properties

Molecular weight	1311.50
Molecular formula	C ₆₄ H ₈₂ N ₁₈ O ₁₃
Sequence	XHWSYWLRPG (Modifications: C-terminal amide; X-1 = Glp; Trp-6 = D-Trp)
PubChem identifier	25074470
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES	<chem>CC(C)C[C@@H](C(=O)N[C@@H](CCCNC(=N)N)C(=O)N1CCC[C@H]1C(=O)NCC(=O)N)NC(=O)[C@@H](Cc2c[nH]c3c2cccc3)NC(=O)[C@H](Cc4ccc(cc4)O)NC(=O)[C@H](CO)NC(=O)[C@H](Cc5c[nH]c6c5cccc6)NC(=O)[C@H](Cc7cnc[nH]7)NC(=O)[C@@H]8CCC(=O)N8</chem>
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Source	Synthetic
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Images

Glp-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-Gly-NH₂

Chemical Structure - [D-Trp6]-LH-RH, LHRH and GnRH agonist (ab142700)

2D chemical structure image of ab142700, [D-Trp6]-LH-RH, LHRH and GnRH agonist

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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