

Product datasheet

[Gln8]-LH-RH (chicken), luteinizing hormone-releasing hormone ab143495

Overview

<b>Product name</b>	[Gln8]-LH-RH (chicken), luteinizing hormone-releasing hormone
<b>Description</b>	Luteinizing hormone-releasing hormone (LHRH)
<b>Biological description</b>	Luteinizing hormone-releasing hormone (LHRH). Stimulates gonadotropin release from anterior pituitary cells. Increases with testosterone levels. Role in sexual maturation. Active <i>in vitro</i> .
<b>Purity</b>	> 95%
<b>CAS Number</b>	47922-48-5
<b>Chemical structure</b>	<chem>pGlu-His-Trp-Ser-Tyr-Gly-Leu-Gln-Pro-Gly-NH2</chem>

Properties

<b>Molecular weight</b>	1154.23
<b>Molecular formula</b>	C <sub>54</sub> H <sub>71</sub> N <sub>15</sub> O <sub>14</sub>
<b>Sequence</b>	XHWSYGLQPG (Modifications: C-terminal amide; X-1 = Glp)
<b>PubChem identifier</b>	123777
<b>Storage instructions</b>	Store at +4°C. The product can be stored for up to 12 months.
<b>Handling</b>	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 <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	<chem>CC(C)C[C@@H](C(=O)N[C@@H](CCC(=O)N)C(=O)N1CCC[C@H]1C(=O)NCC(=O)N)NC(=O)CNC(=O)[C@H](CC2=CC=C(C=C2)O)NC(=O)[C@H](CO)NC(=O)[C@H](CC3=CNC4=CC=CC=C43)NC(=O)[C@H](CC5=CN=CN5)NC(=O)[C@@H]6CCCC(=O)N6</chem>
<b>Source</b>	Synthetic

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

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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team