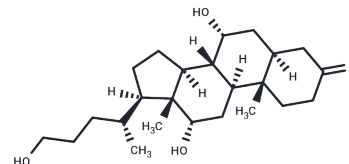


3-Keto petromyzonol

Chemical Properties

CAS No. : 359436-56-9
Formula: C₂₄H₄₀O₄
Molecular Weight: 392.58
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	3-Keto petromyzonol, a key constituent of Sea lamprey male sex pheromones, governs the synthesis and release of gonadotropin releasing hormone (GnRH). This in turn regulates the hypothalamic-pituitary-gonadal (HPG) output in immature sea lamprey.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5473 mL	12.7363 mL	25.4725 mL
5 mM	0.5095 mL	2.5473 mL	5.0945 mL
10 mM	0.2547 mL	1.2736 mL	2.5473 mL
50 mM	0.0509 mL	0.2547 mL	0.5095 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.

Reference

Yu-Wen Chung-Davidson, et al. Pheromonal Bile Acid 3-ketopetromyzonol Sulfate Primes the Neuroendocrine System in Sea Lamprey. BMC Neurosci. 2013 Jan 20;14:11.

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