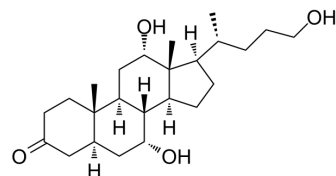


3-Keto petromyzonol

| | |
|--------------------|---|
| Cat. No.: | HY-119332 |
| CAS No.: | 359436-56-9 |
| Molecular Formula: | C ₂₄ H ₄₀ O ₄ |
| Molecular Weight: | 392.57 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

3-Keto petromyzonol, a main component of Sea lamprey male sex pheromones, modulates both synthesis and release of gonadotropin releasing hormone (GnRH), and subsequently, hypothalamic-pituitary-gonadal (HPG) output in immature sea lamprey^[1].

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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