

Alarelin (Acetate)

Catalog No: tcsc1172



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

79561-22-1

Formula:

$C_{60}H_{86}N_{16}O_{16}$

Pathway:

GPCR/G Protein

Target:

GNRH Receptor

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 58 mg/mL (45.05 mM)

Alternative Names:

Alarelin

Observed Molecular Weight:

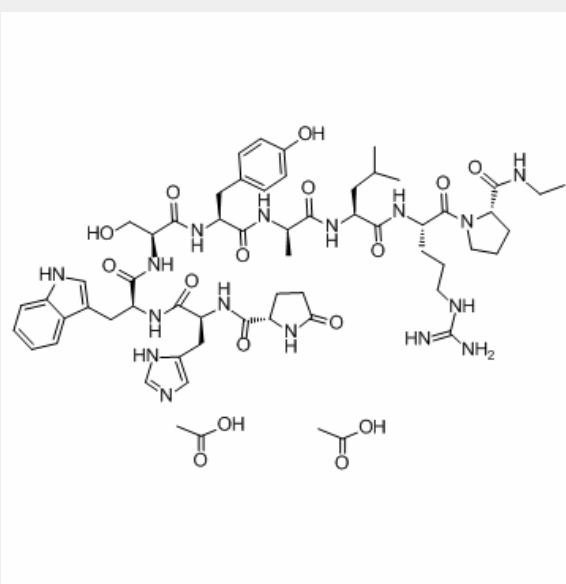
1287.42

Product Description

Alarelin acetate is a synthetic **GnRH** agonist.

In Vitro: The cell viability in the presence of alarelin was significantly lower than that in the absence of alarelin. The maximum stimulatory effect on cell viability was achieved at a concentration of 10^{-5} M and it acted in a dose-dependent manner^[1]

In Vivo: Alarelin could inhibit the gastric acid secretion both by direct actions on parietal cells in rats and by inhibiting vagous function^[2]. Alarelin could significantly enhance ratio of G1 phase and decrease ratio of S phase of GSMC of rats^[1].



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