

JMV 2959

Catalog No: **tcsc0035368**



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg



Specifications

CAS No:

925238-89-7

Formula:

$C_{30}H_{32}N_6O_2$

Pathway:

GPCR/G Protein

Target:

GHSR

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

508.61

Product Description

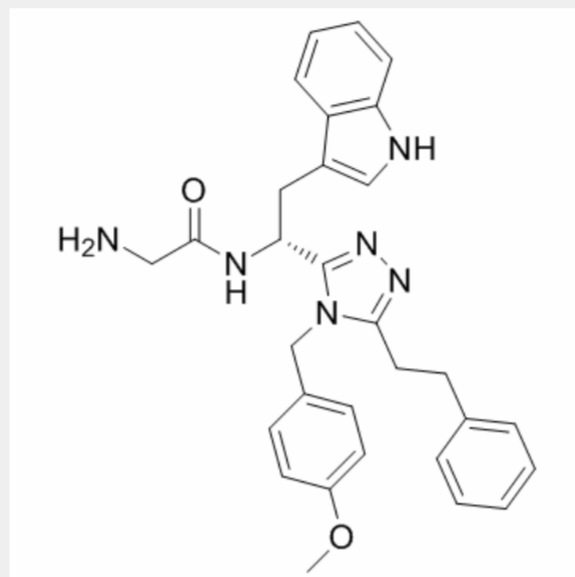
JMV 2959 is a growth hormone secretagogue receptor type 1a (**GHS-R_{1a}**) antagonist with an **IC₅₀** of 32 nM.

IC50 & Target: IC50: 32 nM (GHS-R_{1a})

In Vitro:

JMV 2959 is a growth hormone secretagogue receptor type 1a (GHS-R_{1a}) antagonist with an IC₅₀ of 32 nM. JMV 2959 does not induce any intracellular calcium mobilization by itself^[1].

In Vivo: When administered alone, it does not increase food intake and does not significantly stimulate growth hormone (GH) release^[1]. JMV 2959 dose dependently decreases the startle response (F(3,42)=4.4, p[2]. 6 mg/kg JMV 2959 induces a significant suppression of locomotion on days 1 to 7 relative to baseline day 0 (F(7,49)=2.21, p[3].



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