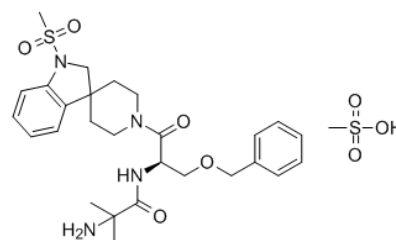


Product Name : Ibutamoren mesylate
Cat. No. : PC-45866
CAS No. : 159752-10-0
Molecular Formula : C₂₈H₄₀N₄O₈S₂
Molecular Weight : 624.7692
Target : Ghrelin Receptor (GHSR)
Solubility : 10 mM in DMSO



Biological Activity

A non-peptidic, potent and selective, orally-active agonist of the ghrelin receptor (GHSR) with EC₅₀ of 1.3 nM (releases GH from rat pituitary cells); significantly increased peak GH concentrations 20.4-fold at 0.25 mg/kg in beagles; has shown to sustain activation of GH-IGF-1 Axis and increase in lean body mass but no change in total fat mass or visceral fat.

Growth Hormone Deficiency

Phase 2 Clinical

References

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Jacks T, et al. Endocrinology. 1996 Dec;137(12):5284-9.

Copinschi G, et al. Neuroendocrinology. 1997 Oct;66(4):278-86.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com