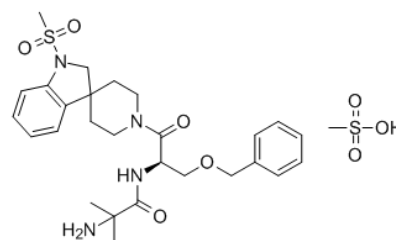


Product Name	: Ibutamoren mesylate
Cat. No.	: PC-45866
CAS No.	: 159752-10-0
Molecular Formula	: C ₂₈ H ₄₀ N ₄ O ₈ S ₂
Molecular Weight	: 624.7692
Target	: Ghrelin Receptor (GHSR)
Solubility	: 10 mM in DMSO



Biological Activity

Ibutamoren mesylate (MK-0677) is 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).

Ibutamoren mesylate (MK-0677) significantly increased peak GH concentrations 20.4-fold at 0.25 mg/kg in beagles.

Ibutamoren mesylate (MK-0677) 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.

References

Patchett AA, et al. Proc Natl Acad Sci U S A. 1995 Jul 18;92(15):7001-5.

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!

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