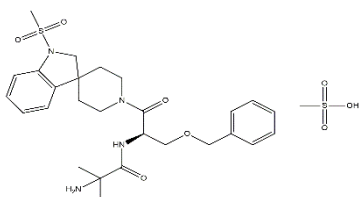


# Ibutamoren mesylate

**ALTERNATE NAME:** L 163191  
Ibutamoren  
MK0677  
2-amino-2-methyl-N-[(2R)-1-(1-methylsulfonylspiro[2H-indole-3,4'-piperidine]-1'-yl)-1-oxo-3-(phenylmethoxy)propan-2-yl]propanamide mesylate  
L163191  
MK-0677  
L-163191

**CATALOG #:** B2400-5 5 mg  
B2400-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>27</sub>H<sub>36</sub>N<sub>4</sub>O<sub>5</sub>S·CH<sub>3</sub>SO<sub>3</sub>H

**MOLECULAR WEIGHT:** 624.77

**CAS NUMBER:** 159752-10-0

**APPEARANCE:** White solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >50 mg/ml DMSO  
>25 mg/ml Water

**DESCRIPTION:** Ibutamoren is a non-peptidic, potent, long-acting, orally-active, and selective agonist of the ghrelin receptor and a growth hormone secretagogue. It mimicks the growth hormone (GH)-stimulating action of the endogenous hormone ghrelin. It stimulates GH release from rat pituitary cells in vitro (EC<sub>50</sub> = 1.3 nM) and enhances GH plasma levels in vivo.

**REFERENCES:** Patchett, A.A., et al. (1995). Proc. Natl. Acad. Sci. USA 92, 7001-7005.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Ghrelin Antibody (5991)  
Ghrelin (human, mouse, rat) EIA Kit (K4790)  
Human Ghrelin (4990)  
Ghrelin Antibody (5992)  
Ghrelin Antibody (5990)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*