

## BIM-23190 hydrochloride

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	BIM-23190 hydrochloride, a selective agonist for somatostatin receptors SSTR2 and SSTR5 with Ki values of 0.34 nM and 11.1 nM respectively, is a somatostatin analog utilized in research on cancer and acromegaly[1][3].
Targets(IC50)	Somatostatin
In vitro	BIM-23190 mildly stimulates the secretion of PRL[1].
In vivo	BIM-23190 (50 µg/mouse, twice daily) demonstrates significant anti-tumor (C6 glioma) activity [2].

## Reference

I Shimon, et al. Somatostatin receptor (SSTR) subtype-selective analogues differentially suppress in vitro growth hormone and prolactin in human pituitary adenomas. Novel potential therapy for functional pituitary tumors. J Clin Invest. 1997 Nov 1;100(9):2386-92.

Federica Barbieri, et al. Differential efficacy of SSTR1, -2, and -5 agonists in the inhibition of C6 glioma growth in nude mice. Am J Physiol Endocrinol Metab. 2009 Nov;297(5):E1078-88.

T J Gillespie, et al. Novel somatostatin analogs for the treatment of acromegaly and cancer exhibit improved in vivo stability and distribution. J Pharmacol Exp Ther. 1998 Apr;285(1):95-104.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481