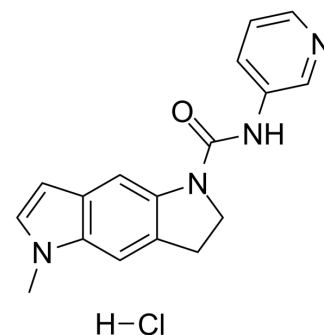


## SB 206553 hydrochloride

Cat. No.:	HY-103135
CAS No.:	1197334-04-5
Molecular Formula:	C <sub>17</sub> H <sub>17</sub> ClN <sub>4</sub> O
Molecular Weight:	328.8
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

SB 206553 hydrochloride is a high affinity, selective and orally active 5-HT<sub>2B</sub> / 5-HT<sub>2C</sub> receptor antagonist (rat 5-HT<sub>2B</sub> pA<sub>2</sub> = 8.89, human 5-HT<sub>2C</sub> pK<sub>i</sub> = 7.92)<sup>[1]</sup>. SB 206553 possesses anxiolytic-like properties<sup>[2]</sup>.

### REFERENCES

[1]. Forbes IT, et al. 5-Methyl-1-(3-pyridylcarbamoyl)-1,2,3,5-tetrahydropyrrolo[2,3-f]indole: a novel 5-HT<sub>2C</sub>/5-HT<sub>2B</sub> receptor antagonist with improved affinity, selectivity, and oral activity. *J Med Chem.* 1995 Jul 7;38(14):2524-30.

[2]. Kennett GA, et al. In vitro and in vivo profile of SB 206553, a potent 5-HT<sub>2C</sub>/5-HT<sub>2B</sub> receptor antagonist with anxiolytic-like properties. *Br J Pharmacol.* 1996 Feb;117(3):427-434.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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