

Product datasheet

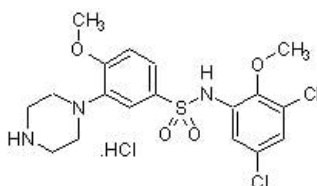
SB 399885 hydrochloride, 5-HT₆ antagonist ab120332

1 Image

Overview

Product name	SB 399885 hydrochloride, 5-HT ₆ antagonist
Description	Potent, selective 5-HT ₆ antagonist
Biological description	Potent, selective competitive 5-HT ₆ antagonist (pK _i values are 8.81 and 9.02 for rat and human native receptors, respectively). Orally active, cognitive enhancer <i>in vivo</i> . Displays >200-fold selectivity over 5-HT _{1A} , 5-HT _{1B} , 5-HT _{1D} , 5-HT _{1E} , 5-HT _{1F} , 5-HT _{2A} , 5-HT _{2B} , 5-HT _{2C} , 5-HT ₄ , 5-HT ₇ , α _{1B} , D ₂ , D ₃ , D ₄ receptors, ion channels and a range of enzymes.
CAS Number	402713-80-8

Chemical structure



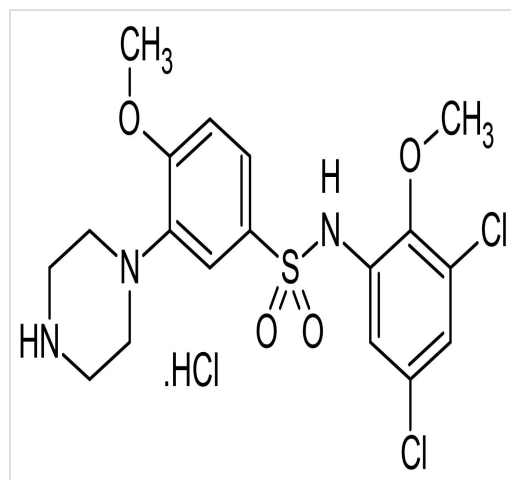
Properties

Chemical name	N-(3,5-Dichloro-2-methoxyphenyl)-4-methoxy-3-piperazin-1-ylbenzenesulfonamide hydrochloride
Molecular weight	482.81
Molecular formula	C ₁₈ H ₂₁ Cl ₂ N ₃ O ₄ S.HCl
PubChem identifier	10277652
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	Cl.Clc3cc(NS(=O)(=O)c1cc(c(cc1)OC)N2CCNCC2)c(OC)c(Cl)c3

Source

Synthetic

Images



2D chemical structure image of ab120332, SB 399885 hydrochloride, 5-HT6 antagonist

Chemical Structure - SB 399885 hydrochloride, 5-HT₆ antagonist (ab120332)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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