

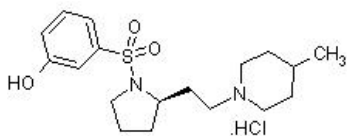
Product datasheet

SB 269970 hydrochloride ab120508

Overview

Product name	SB 269970 hydrochloride
Description	Potent, selective 5-HT ₇ receptor antagonist
Biological description	Potent, selective 5-HT ₇ receptor antagonist (pK _i values are 8.3, 7.2 and 6.0 for 5-HT _{7A} , 5-HT _{5A} and 5-HT _{1B} receptors, respectively). Also potently blocks α ₂ adrenoceptors. Blocks amphetamine and ketamine induced hyperactivity. Brain penetrant <i>in vivo</i> .
Purity	> 98%

Properties

Chemical name	3-[[[(2R)-2-[2-(4-Methyl-1-piperidinyl)ethyl]-1-pyrrolidinyl]sulfonyl]phenol hydrochloride
Molecular weight	388.95
Chemical structure	

Molecular formula	C ₁₈ H ₂₈ N ₂ O ₃ S.HCl
CAS Number	261901-57-9
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.

Solubility overview Soluble in water to 50 mM and in DMSO to 100 mM

Handling 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.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES Cl.O=S(=O)(c1cc(O)ccc1)N3CCCC[C@@H]3CCCN2CCC(C)CC2

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