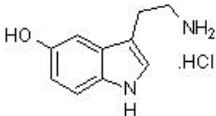


Product datasheet

Serotonin hydrochloride (5-HT/5-Hydroxytryptamine), 5-HT receptor agonist ab120528

[2 References](#) [1 Image](#)

Overview

Product name	Serotonin hydrochloride (5-HT/5-Hydroxytryptamine), 5-HT receptor agonist
Description	Endogenous neurotransmitter, 5-HT receptor agonist
Biological description	Endogenous 5-HT receptor agonist. Neurotransmitter involved in diverse physiological functions such as mood, appetite, sleep, sex and temperature in addition to modulating cardiovascular function and the gastrointestinal system. Also a 5-HT transporter substrate.
CAS Number	153-98-0
Chemical structure	

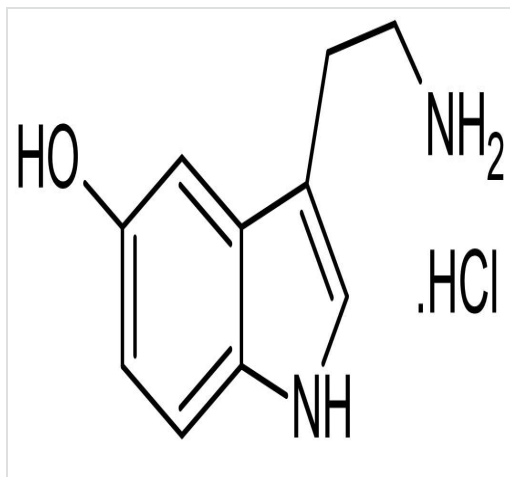
Properties

Chemical name	3-(2-Aminoethyl)-5-hydroxyindole hydrochloride
Molecular weight	212.68
Molecular formula	C ₁₀ H ₁₂ N ₂ O.HCl
PubChem identifier	160436
Storage instructions	Store at +4°C. 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>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1=CC2=C(C=C1O)C(=CN2)CCN.Cl

Source

Synthetic

Images



2D chemical structure image of ab120528, Serotonin hydrochloride (5-HT/5-Hydroxytryptamine), 5-HT receptor agonist

Chemical Structure - Serotonin hydrochloride (5-HT/5-Hydroxytryptamine), 5-HT receptor agonist (ab120528)

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