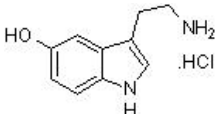


Product datasheet

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

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

## Overview

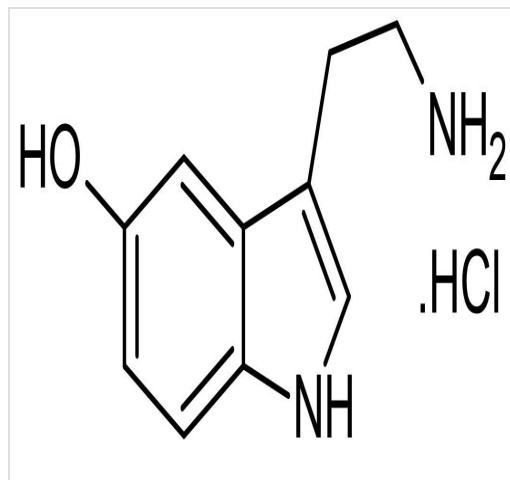
<b>Product name</b>	Serotonin hydrochloride (5-HT/5-Hydroxytryptamine), 5-HT receptor agonist
<b>Description</b>	Endogenous neurotransmitter, 5-HT receptor agonist
<b>Biological description</b>	Endogenous 5-HT receptor agonist. Neurotransmitter involved in diverse physiological functions such as mood,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

## Properties

<b>Chemical name</b>	3-(2-Aminoethyl)-5-hydroxyindole hydrochloride
<b>Molecular weight</b>	212.68
<b>Molecular formula</b>	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O.HCl
<b>PubChem identifier</b>	160436
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM and in DMSO to 100 mM
<b>Handling</b>	<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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	C1=CC2=C(C=C1O)C(=CN2)CCN.Cl

## Images

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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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