

Product datasheet

Pramipexole dihydrochloride, Dopamine D₂-like receptor agonist. D₃-preferring. ab120569

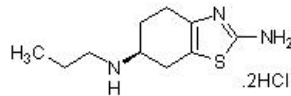
1 Image

Overview

Product name	Pramipexole dihydrochloride, Dopamine D ₂ -like receptor agonist. D ₃ -preferring.
Description	Dopamine D ₂ -like receptor agonist. D ₃ -preferring.
Biological description	Dopamine D ₂ -like receptor agonist showing some selectivity for D ₃ (K _i values are 3.9 (D _{2L}), 3.3 (D _{2S}), 0.5 (D ₃) and 3.9 nM (D ₄)). Potent antioxidant. Displays antidepressant and anti-Parkinsonian effects.

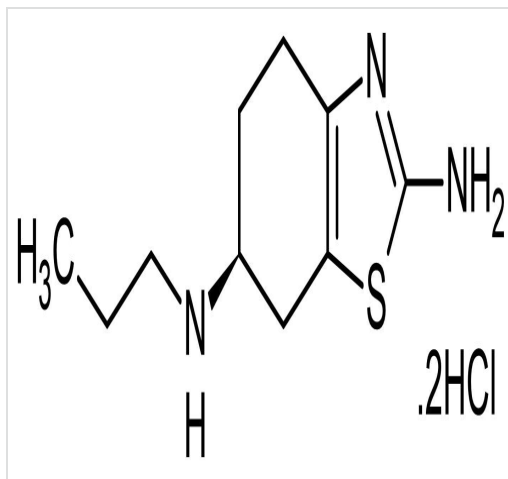
CAS Number 104632-25-9

Chemical structure



Properties

Chemical name	(S)-2-Amino-4,5,6,7-tetrahydro-6-(propylamino)benzothiazole dihydrochloride
Molecular weight	284.25
Molecular formula	C ₁₀ H ₁₇ N ₃ S.2HCl
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
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>
Source	Synthetic



Chemical Structure - Pramipexole dihydrochloride,
Dopamine D₂-like receptor agonist. D₃-preferring.
(ab120569)

2D chemical structure image of ab120569, Pramipexole dihydrochloride, Dopamine D₂-like receptor agonist. D₃-preferring.

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