

Product datasheet

Rotigotine hydrochloride ab120601

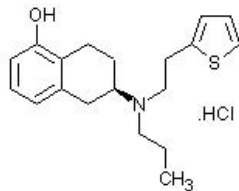
Overview

Product name	Rotigotine hydrochloride
Description	Dopamine receptor agonist
Biological description	Dopamine receptor agonist. High affinity for D ₁ , D ₂ and D ₃ receptors (K _i values are 83, 13 and 0.71 nM, respectively). Shows significant affinity at α _{2B} and 5-HT _{1A} receptors (K _i values are 27 and 30 nM, respectively). Exhibits anti-Parkinsonian and antidepressant activity.
Purity	> 99%

Properties

Chemical name	(6S)-5,6,7,8-Tetrahydro-6-[propyl[2-(2-thienyl)ethyl]amino]-1-naphthalenol hydrochloride
Molecular weight	351.93

Chemical structure



Molecular formula	C ₁₉ H ₂₅ NOS.HCl
CAS Number	125572-93-2
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 10 mM (with warming) 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.
Source	Synthetic

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