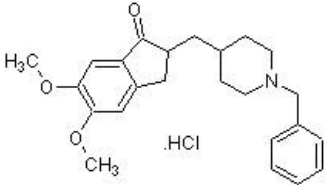


Product datasheet

Donepezil hydrochloride, Acetylcholinesterase inhibitor ab120763

1 Image

Overview

Product name	Donepezil hydrochloride, Acetylcholinesterase inhibitor
Description	Acetylcholinesterase inhibitor
Biological description	Potent, selective acetylcholinesterase inhibitor (IC ₅₀ = 5.7 nM). Displays >1250 times selectivity for AChE over butyrylcholinesterase. Centrally active. Neuroprotective activity <i>in vitro</i> and <i>in vivo</i> .
Purity	> 99%
CAS Number	120011-70-3
Chemical structure	

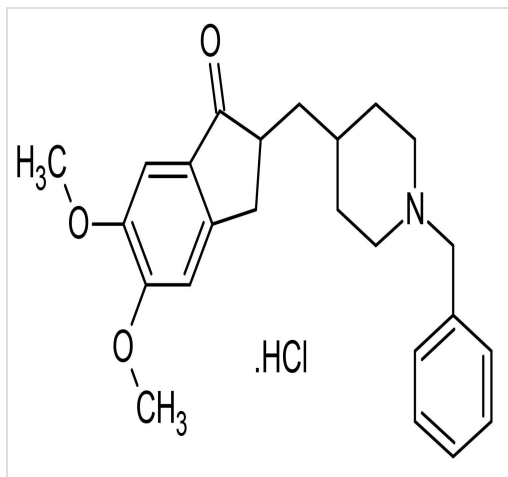
Properties

Chemical name	2,3-Dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidiny]methyl]-1 <i>H</i> -inden-1-one hydrochloride
Molecular weight	415.96
Molecular formula	C ₂₄ H ₂₉ NO ₃ .HCl
Storage instructions	Store at Room Temperature. 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>Toxic, 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

Images



Chemical Structure - Donepezil hydrochloride,
Acetylcholinesterase inhibitor (ab120763)

2D chemical structure image of ab120763, Donepezil hydrochloride, Acetylcholinesterase inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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