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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

Description

Donepezil Hydrochloride (Donepezil HCL) is a novel, potent and selective inhibitor of acetylcholinesterase (AChE), an enzyme possibly involved in cognitive dysfunction of patients suffering Alzheimer's disease (AD), with the half maximal inhibition concentration IC₅₀ value of 6.7 nM.

Target:

Chromatin/Epigenetics

Pathway:

Histone Acetyltransferases

Chemical Name:

2-[(1-benzylpiperidin-4-yl)methyl]-5,6-dimethoxy-2,3-dihydroinden-1-one; hydrochloride

Molecular Formula:

C₂₄H₃₀ClNO₃

Supplied As:

Solid

Solubility:

insoluble in EtOH; insoluble in DMSO; ≥10.4 mg/mL in H₂O. For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while.

Stability:

At least 6 months at -20°C. Avoid freeze/thaw cycles.

Storage:

-20°C

MW:

416 Da

Cas No.

120011-70-3

Purity:

≥99%

Chemical Structure

