Certificate of Analysis

Donepezil (Hydrochloride)

Cat. No.: HY-B0034

CAS No.: 120011-70-3

Batch No.: 07169

Chemical Name: 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

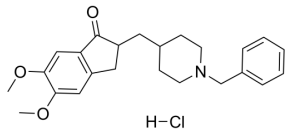
Molecular Formula: $C_{24}H_{30}ClNO_3$

Molecular Weight: **415.95**

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

^{1}H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): **99.94%**

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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