

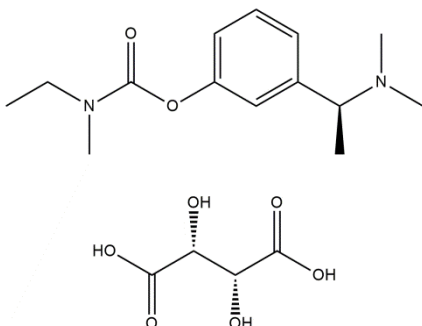
Rivastigmine tartrate

12/20

ALTERNATE NAMES: (S)-3-(1-(Dimethylamino)ethyl)phenyl ethyl(methyl)carbamate (2R,3R)-2,3-dihydroxysuccinate; Carbamic acid, ethylmethyl-, 3-((1S)-1-(dimethylamino)ethyl)phenyl ester, (2R,3R)-2,3-dihydroxybutanedioate (1:1); SDZ-ENA 713; ENA 713; Exelon

CATALOG #: B3093-100 100 mg
B3093-500 500 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₂₈N₂O₈

MOLECULAR WEIGHT: 400.42

CAS NUMBER: 129101-54-8

APPEARANCE: White solid

PURITY: ≥ 95%

SOLUBILITY: ~25 mg/ml in DMF
~16 mg/ml in DMSO and ethanol
~10 mg/ml in PBS, pH 7.2

DESCRIPTION: Rivastigmine is a cholinesterase (ChE) inhibitor that inhibits butyrylcholinesterase (BChE) and acetylcholinesterase (AChE) with IC₅₀ values of 0.037 μM and 4.15 μM respectively. It is used for the treatment of dementia in Alzheimer's disease and Parkinson's disease.

STORAGE TEMPERATURE: -20°C

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCE: Yu, Q.S., Zhu, X., Holloway, H.W., et al. Anticholinesterase activity of compounds related to geneserine tautomers. N-oxides and 1,2-oxazines. J. Med. Chem. 45(17), 3684-3691 (2002).

RELATED PRODUCTS:

Curvularin (Cat. No. 9694)
 Acetylcholinesterase Activity Colorimetric Assay Kit (Cat. No. K764)
 Donepezil Hydrochloride (Cat. No. B3092)
 Cryptotanshinone (Cat. No. 2429)
 Acetylcholinesterase Inhibitor Screening Kit (Colorimetric) (Cat. No. K197)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*