

For Research Use Only

AChE/BChE/MAO-B-IN-1



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Catalog Number: CM07092

产品信息

Catalog Number:
CM07092

CAS号:
2416910-82-0

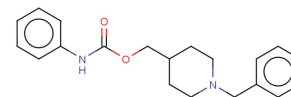
分子式:
C₂₀H₂₄N₂O₂

主要靶点:
MAO|AChE

主要通路:
神经科学|代谢

分子量:
324.42

溶解度:
DMSO:27.5 mg/mL (84.77 mM)



靶点活性

MAO-B:26.1 μ M|BChE:0.56 μ M|AChE:7.31 μ M

体外活性

AChE/BChE/MAO-B-IN-1 inhibits neuronal cell death induced by amyloid β 1-42 (A β 1-42).[1]

描述

AChE/BChE/MAO-B-IN-1 is a reversible, non-time-dependent inhibitor of AChE, BChE and MAO-B that crosses the blood-brain barrier and exhibits inhibitory effects on hAChE, hBChE and hMAO-B with IC₅₀s of 7.31, 0.56 and 26.1 μ M, respectively. 1 had a neuroprotective effect and was not significantly cytotoxic.

储存

For technical support and original validation data for this product please contact

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