

Dual AChE-MAO B-IN-3

Chemical Properties

CAS No. :

Formula: C₃₀H₂₆F₃NO₃

Molecular Weight: 505.53

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Dual AChE-MAO B-IN-3 (Compound C10) is a potent inhibitor of both AChE and MAO-B, exhibiting IC ₅₀ values of 0.58 μM and 0.41 μM, respectively. This dual-binding inhibitor targets the catalytic anionic site and peripheral anionic site of AChE, making it relevant for Alzheimer's disease (AD) research [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9781 mL	9.8906 mL	19.7812 mL
5 mM	0.3956 mL	1.9781 mL	3.9562 mL
10 mM	0.1978 mL	0.9891 mL	1.9781 mL
50 mM	0.0396 mL	0.1978 mL	0.3956 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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