

R-(+)-Cotinine

Chemical Properties

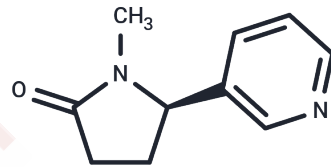
CAS No. : 32162-64-4

Formula: C₁₀H₁₂N₂O

Molecular Weight: 176.22

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	R-(+)-Cotinine ((+)-Cotinine), a metabolite of Nicotine, demonstrates minimal activity across numerous pharmacological targets but enhances acetylcholine (ACh)-evoked current in human $\alpha 7$ nicotinic acetylcholine receptors (nAChRs) [1].
Targets(IC50)	Others,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6747 mL	28.3736 mL	56.7472 mL
5 mM	1.1349 mL	5.6747 mL	11.3494 mL
10 mM	0.5675 mL	2.8374 mL	5.6747 mL
50 mM	0.1135 mL	0.5675 mL	1.1349 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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