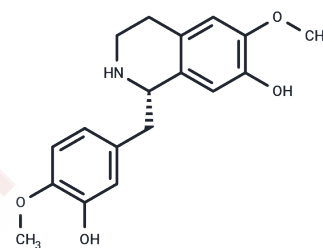


Norreticuline

Chemical Properties

CAS No. :	4781-58-2
Formula:	C ₁₈ H ₂₁ NO ₄
Molecular Weight:	315.36
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	Norreticuline is a potential adrenoceptor- α/β agonist and CYP2D6 and D2 receptor inhibitor for the study of neurodegenerative diseases.
Targets(IC50)	Adrenergic Receptor,Cytochromes P450,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.171 mL	15.8549 mL	31.7098 mL
5 mM	0.6342 mL	3.171 mL	6.342 mL
10 mM	0.3171 mL	1.5855 mL	3.171 mL
50 mM	0.0634 mL	0.3171 mL	0.6342 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.

Reference

Nakaoji K, Nayeshiro H, Tanahashi T. Norreticuline and reticuline as possible new agents for hair growth acceleration. Biol Pharm Bull. 1997 May;20(5):586-8.

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