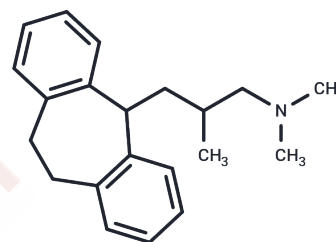


## Butriptyline

## Chemical Properties

CAS No. :	35941-65-2
Formula:	C <sub>21</sub> H <sub>27</sub> N
Molecular Weight:	293.45
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	Butriptyline (Butriptylene), a tricyclic antidepressant, is effective when administered orally [1].
Targets(IC50)	Others,5-HT Receptor
In vivo	Butriptyline (1000 mg/kg; in diet; 10 weeks) exhibits an anti-obesity effect in mice [1], while butriptyline hydrochloride (2.5-30 mg/kg; i.p.; 10-15 day intervals) induces a dose-dependent reduction in food-reinforced behaviors and marginally reduces the avoidance reflex at peak doses in male albino rats [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4077 mL	17.0387 mL	34.0774 mL
5 mM	0.6815 mL	3.4077 mL	6.8155 mL
10 mM	0.3408 mL	1.7039 mL	3.4077 mL
50 mM	0.0682 mL	0.3408 mL	0.6815 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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