
Product Data Sheet

Product Name: Lycoramine

Cat. No.: GC64557

Chemical Properties

Cas. No. 21133-52-8

Formula C₁₇H₂₃NO₃

M.Wt 289.37

Solubility DMSO : 100 mg/mL (345.58 mM; Need ultrasonic)

Storage 4°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Lycoramine, a dihydro-derivative of galanthamine, is isolated from Lycoris radiate. Lycoramine is a potent acetylcholinesterase (AChE) inhibitor[1][2].

[1]. Yuan Y, et, al. Online acetylcholinesterase inhibition evaluation by high-performance liquid chromatography-mass spectrometry hyphenated with an immobilized enzyme reactor. J Chromatogr A. 2020 Jan 4; 1609:460506.

[2]. IRWIN RL, et, al. Cholinesterase inhibition by galanthamine and lycoramine. Biochem Pharmacol. 1960 May; 3:147-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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