
Product Data Sheet

Product Name: Calycanthine

Cat. No.: GC35596

Chemical Properties

Cas. No. 595-05-1

SMILES CN1CC[C@]23C4=CC=CC=C4N[C@@]1([H])[C@@]25C6=CC=CC=C6N[C@]3([H])N(C)CC5Formula C₂₂H₂₆N₄

M.Wt 346.47

Solubility DMSO : 100 mg/mL (288.63 mM; Need ultrasonic) Storage Store at -20°C

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**

Calycanthine, the principal alkaloid of the order Calycanthaceae, has been isolated from a species of the genus Psychotria, and is a central nervous system toxin, causing convulsions[1][2].

[1]. AdjibadÉ Y, et al. Action of calycanthine on nervous transmission in cockroach central nervous system. *Planta Med.* 1991 Apr;57(2):99-101. [2]. Numan RW, et al. Wintersweet (*Chimonanthus praecox*) toxicity in four goats. *N Z Vet J.* 2016 May;64(3):179-81.

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

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