
Product Data Sheet

Product Name: Denudatine

Cat. No.: GC38483

Chemical Properties

Cas. No. 26166-37-0

SMILES O[C@@H]([C@]1([H])CC2)[C@@]3([H])C([C@@]4([H])C5)(CCCC4(C)CN6CC)[C@@]6([H])[C@@]5([H])[C@]32[C@H](O)C1=C

Formula C₂₂H₃₃NO₂

M.Wt 343.5

Solubility Chloroform: soluble, DMSO: soluble

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**

Denudatine is an alkaloid that has been found in *A. jinyangense* and has antiarrhythmic activity.¹ *In vivo*, denudatine (50 and 100 mg/kg) prevents aconitine-induced arrhythmias in rats and increases survival in a rat model of calcium chloride-induced arrhythmias.

1. Jin, L.S., Zhou, Y.P., and Zeng, G.Y. Effects of denudatine on experimental arrhythmia and heart function *Zhongguo Yao Li Xue Bao* 3(2)104-108(1982)

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

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