

Product Data Sheet

Product Name: Thermopsine

Cat. No.: GC39034

Chemical Properties

Cas. No. 486-90-8

SMILES O=C1C=CC=C2N1C[C@]3([H])[C@@](CCCC4)([H])N4C[C@@]2([H])C3

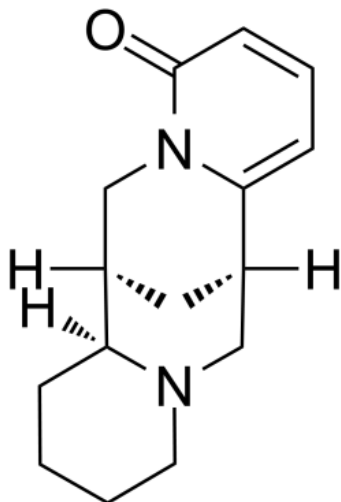
Formula $C_{15}H_{20}N_2O$ M.Wt 244.33

Solubility DMSO : 25 mg/mL (102.32 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

Thermopsine is a quinolizidine alkaloid isolated from the fruits and pods and stem bark of *Sophora velutina* subsp. Thermopsine has antibacterial activity[1].

[1]. Korir E, et al. Quinolizidine alkaloids from *Sophora velutina* subsp. zimbabweensis (Fabaceae: Sophoreae). Nat Prod Commun. 2012 Aug;7(8):999-1003.

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

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