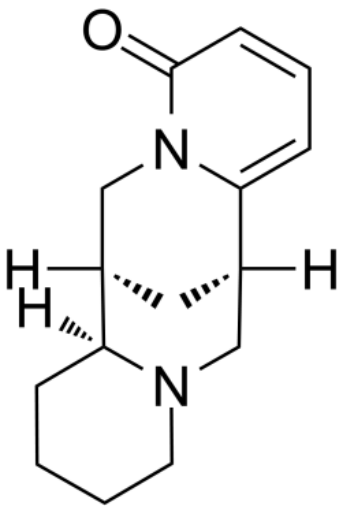
Product Data Sheet

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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