

Product Data Sheet

Product Name: O-Desmethyl Galanthamine

Cat. No.: GC61848

Chemical Properties

Cas. No. 60755-80-8

SMILES OC1=CC=C2C3=C1O[C@@]4([H])C[C@@H](O)C=C[C@@]34CCN(C)C2

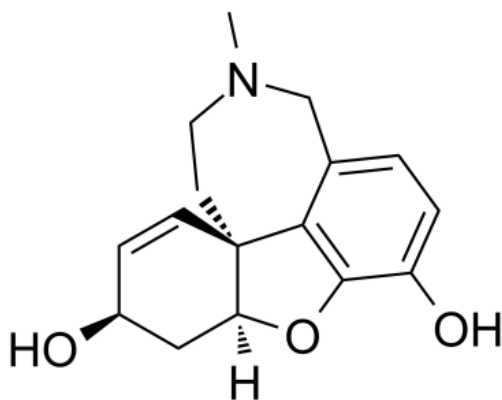
Formula $C_{16}H_{19}NO_3$ M.Wt 273.33

Solubility DMSO : 100 mg/mL (365.86 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

O-Desmethyl Galanthamine (Sanguinine) is galanthamine-type alkaloid. O-Desmethyl Galanthamine is an acetylcholinesterase (AChE) inhibitor, with an IC₅₀ 1.83 μM[1].

References:

[1]. Seydou Ka, et al. Gigantelline, gigantellinine and gigancrine, cherylline- and crinine-type alkaloids isolated from *Crinum jagus* with anti-acetylcholinesterase activity. *Phytochemistry*. 2020

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

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