

Product Data Sheet

Product Name: Hydroxylupanine

Cat. No.: GC47446

Chemical Properties

Cas. No. 15358-48-2

SMILES O=C1CCC[C@@]2([H])N1C[C@]3([H])C[C@@]2([H])CN4[C@@]3([H])C[C@@H](O)CC4

Formula C₁₅H₂₄N₂O₂

M.Wt 264.4

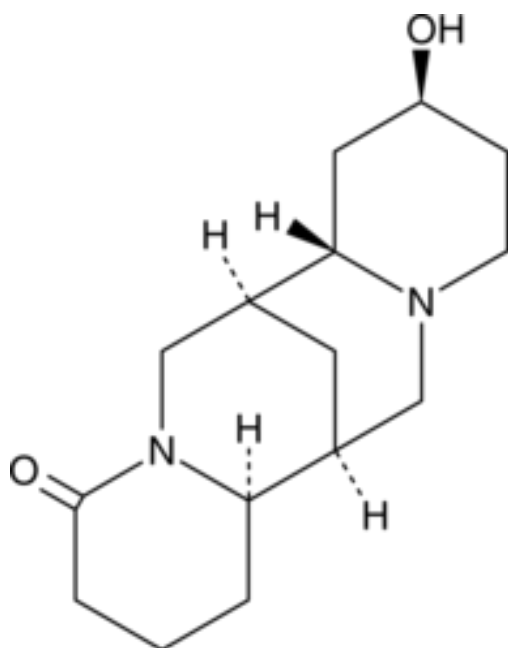
Solubility Chloroform: slightly soluble, Methanol: slightly soluble

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

Hydroxylupanine is an alkaloid that has been found in *L. lanatus*.¹ It is an inhibitor of ganglionic

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

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transmission.²

1. Neto, A.T., Oliveira, C.Q., Ilha, V., et al. Quinolizidine alkaloids from *Lupinus lanatus* J. Mol. Struct. 1004(1-3)174-177(2011) 2. Petterson, D.S., Greirson, B.N., Allen, D.G., et al. Disposition of lupanine and 13-hydroxylupanine in man Xenobiotica 24(9)933-941(1994)

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