PRODUCT INFORMATION

Cayman CHEMICAL

Hydroxylupanine
Item No. 31171

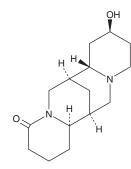|	
CAS Registry No.:	15358-48-2
Formal Name:	(2S,7S,7aR,14S,14aS)-11H-dipyrido[1,2-a:1′,2′-e][1,5]diazocin-11-one, dodecahydro-2-hydroxy-7,14-methano-2H
Synonyms:	(+)-Hydroxylupanine, 13α-Hydroxylupanine
MF:	$C_{15}H_{24}N_2O_2$
FW:	264.4
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years
Item Origin:	Synthetic

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Hydroxylupanine is supplied as a solid. A stock solution may be made by dissolving the hydroxylupanine in the solvent of choice, which should be purged with an inert gas. Hydroxylupanine is slightly soluble in chloroform and methanol.

Description

Hydroxylupanine is an alkaloid that has been found in *L. lanatus*.[1] It is an inhibitor of ganglionic transmission.[2]

References

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).