

# <sup>1</sup>H-NMR Analysis for Cyclopamine



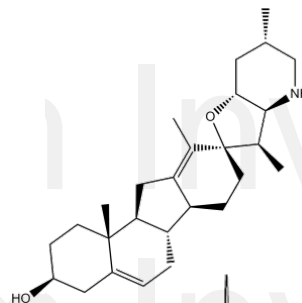
InvivoChem InvivoChem

HBA H1-NMR  
CDC13 303K AV-300

3.5618  
3.5405  
3.5248  
3.5099  
3.4736  
3.2674  
3.2557  
3.2324  
3.2210  
3.1989  
3.1868  
3.0996  
3.0865  
3.0568  
3.0445

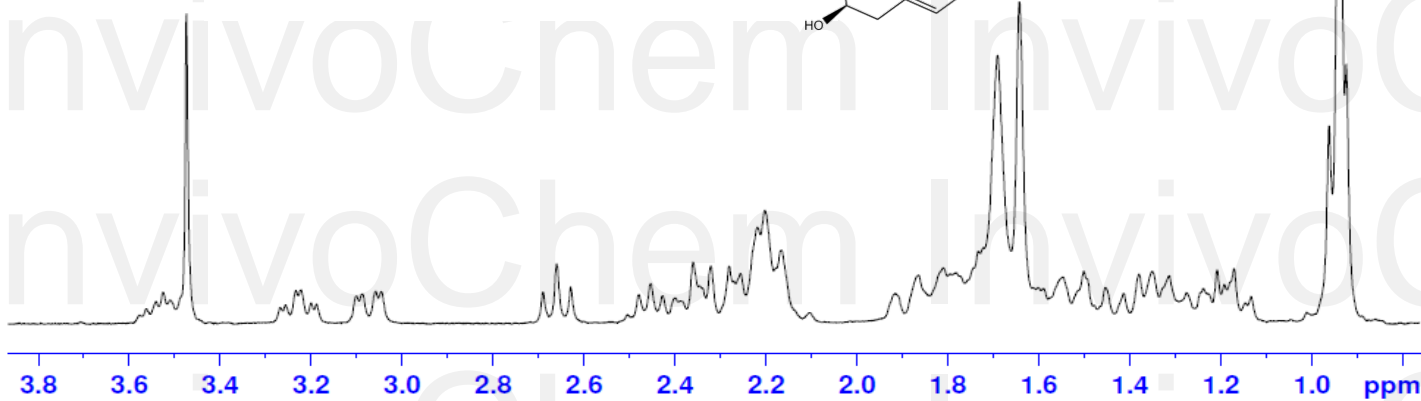
2.6893  
2.6592  
2.6286  
2.5034  
2.4782  
2.4525  
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2.3991  
2.3592  
2.3203  
2.2803  
2.2550  
2.2179  
2.2019  
2.1648  
2.1032  
1.9139  
1.8637  
1.8089  
1.7822  
1.7322  
1.6898  
1.6418  
1.5895  
1.5465  
1.5004  
1.4781  
1.4528  
1.4123  
1.3785  
1.3497  
1.3130  
1.2740  
1.2369  
1.2279  
1.2069  
1.1915  
1.1699  
1.1442  
1.1327  
0.9610  
0.9371

Product Name: Cyclopamine  
InvivoChem Cat #: V1332  
CAS #: 4449-51-8  
Batch #: V133202  
Formula: C<sub>27</sub>H<sub>41</sub>NO<sub>2</sub>  
Molecular Weight: 411.62



NAME cs  
EXPNO 154  
PROCNO 1  
Date\_   
Time 0.40  
INSTRUM av300  
PROBHD 5 mm PHQP Swi  
PULPROG zg30  
TD 15336  
SOLVENT CDC13  
NS 8  
DS 0  
SWH 3834.356 Hz  
FIDRES 0.250023 Hz  
AQ 1.9998645 sec  
RG 406.4  
DW 130.400 usec  
DE 6.00 usec  
TE 298.0 K  
D1 1.50000000 sec

CHANNEL f1  
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P1 5.65 usec  
PL1 -1.00 dB  
SFO1 300.1315394 MHz  
SI 32768  
SF 300.1300041 MHz  
WDW EM  
SSB 0  
LB 0.20 Hz  
GB 0  
PC 1.00



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