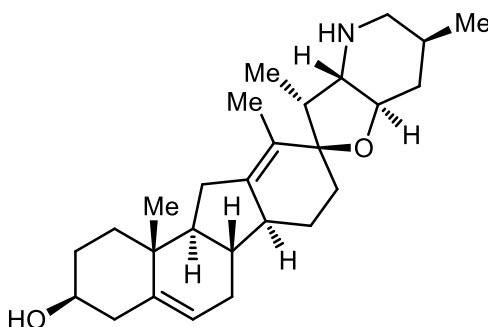


Catalog # 10-1082

Cyclopamine

CAS# 4449-51-8

Lot # S103092



Naturally occurring steroidal alkaloid with teratogenic activity. Blocks sonic hedgehog signaling by binding to smoothened. Antitumor activity. Cell Permeable.

Warning

This Compound is teratogenic. Women who are or may become pregnant should not handle this compound.

- 1) Watkins *et al.* (2003), *Hedgehog signalling within airway epithelial progenitors and in small-cell lung cancer*; Nature, **422** 313

PHYSICAL DATA

Molecular Weight:	411.63
Molecular Formula:	C ₂₇ H ₄₁ NO ₂
Purity:	98% by TLC NMR: Conforms
Solubility:	DMSO (up to 4 mg/ml) or ethanol (up to 20 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Protect from exposure to moisture. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.