



Cyclopamine

Data Sheet

Catalog Number: MC11088

Product Type: Small Molecule

Bio-Activity: Hedgehog signaling pathway inhibitor

CAS #: 4449-51-8

Research Categories: Cell death, stem cells, cancer

Solubility: Soluble in DMSO (up to 4 mg/ml) or in Ethanol (up to 20 mg/ml)

Molecular Formula: C₂₇H₄₁NO₂

Purity: > 98%

Molecular Weight: 411.6

Format: Powder

Ship Temp: Ambient

Storage: -20°C

Application Notes

Description/Data:

Naturally occurring steroidal alkaloid with teratogenic activity. Blocks sonic hedgehog signaling by binding to smoothened. Antitumor activity. Cell Permeable [1].

References:

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

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