

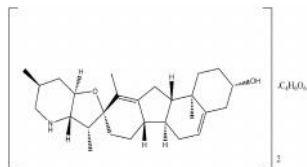
Product: Cyclopamine tartrate

ALTERNATE NAME: (2'R,3S,3'R,3'aS,6'S,6aS,6bS,7'aR,11aS,11bR)-1,2,3,3'a,4,4',5',6,6',6a,6b,7,7',7'a,8,11,11a,11b-Octadecahydro-3',6',10,11b-tetramethylspiro[9H-benzo[a]fluorene-9,2'(3'H)-furo[3,2-b]pyridin]-3-ol tartrate; 11-Deoxojervine Tartrate; (3',23')-17,23-Epoxy-veratraman-3-ol Tartrate; 11-Deoxyjervine Tartrate; CycT

CATALOG #: 2518-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₅₈H₈₈N₂O₁₀

MOLECULAR WEIGHT: 973.32

CAS No. 1178510-81-0

APPEARANCE: Crystalline solid

SOLUBILITY: H₂O (~2 mg/ml)

PURITY: >98%

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: A water-soluble derivative of the Hedgehog (Hh) signaling pathway inhibitor Cyclopamine (Cyc) (Cat. No.1578). Displays higher inhibitory activity for Hh signaling-dependent motor neuron differentiation than did Cyc (IC₅₀ = 50 nmol/L for CycT vs. 300 nmol/L for Cyc). CycT-treated mice shows tumor shrinkage and decreased expression of Hh target genes.

REFERENCES: Fan, Q., *et al.* (2011). *Chin. J. Cancer* **30**, 472-481

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- BODIPY-Cyclopamine (Cat. No. 2160-50, 250)
- Cyclopamine (Cat. No. 1578-5)
- Cyclopamine-KAAD (Cat. No. 1910-50)
- GANT58 (Cat. No. 1812-5, 25)
- GANT61 (Cat. No. 1892-5)
- GDC-0449 (Cat. No. 1890-5, 25)
- Hh Signaling Pathway Antagonist (Cat. No. 1659-1)
- DiscoveryPak™ hedgehog Signaling Pathway Antagonists Set (Cat. No. K868-6)
- HPI-1 (Cat. No. 2410-5, 25)
- Itraconazole (Cat. No. 1987-50, 100, 500, 1000)
- Jervine (Cat. No. 2357-1, 5)
- JK-184 (Cat. No. 1726-1)
- Purmorphamine (Cat. No. 1672-5)
- Robotnikinin (Cat. No. 1923-1)
- SANT-1 (Cat. No. 1978-1,5)
- SANT-2 (Cat. No. 1976-1, 5)
- Smo Antagonist, SA1 (Cat. No. 2154)
- Smo Antagonist, SA9 (Cat. No. 2155)
- Smo Antagonist, SA10 (Cat. No. 2159)
- Sonic Hedgehog, human recombinant (Cat. No. 4010-25, 100, 1000)
- Sonic Hedgehog, murine recombinant (Cat. No. 4020-25, 100, 1000)
- Tomatidine hydrochloride (Cat. No. 1893-25)

FOR RESEARCH USE ONLY! Not to be used in humans.