Product: Cyclopamine tartrate

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

CATALOG #: 2518-1, 5

AMOUNT: 1 mg, 5 mg

MOLECULAR FORMULA: C_58H_88N_2O_{10}

MOLECULAR WEIGHT: 973.32

CAS No.: 1178510-81-0

APPEARANCE: Crystalline solid

SOLUBILITY: H_2O (~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 (IC_{50} = 50 nmol/L for CycT vs. 300 nmol/L for Cyc). CycT-treated mice show tumor shrinkage and decreased expression of Hh target genes.


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

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