

Jervine

Cat. No. CEI-0663

Lot. No. (See product label)

Introduction

Description Cell-permeable. Structurally similar to cyclopamine. Inhibits the sonic hedgehog (shh) pathway by interacting with smoothened. Jervine can be used to induce abnormal morphogenesis in a number of experimental models. Tomatidine is a useful negative control.

Product Information

Appearance Yellow solid

CAS No. 469-59-0

Molecular Formula C₂₇H₃₉N₃O₃

Chemical Name 2'R,3S,3'R,3'aS,6'S,6aS,6bS,7'aR,11aS,11bR)-2,3,3'a,4,4',5',6,6',6a,6b,7,7',7'a,8,11a,11b-hexadecahydro-3-hydroxy-3',6',10,11b-tetramethyl-Spiro[9H-benzo[a]fluorene-9,2'(3'H)-furo[3,2-b]pyridin]-11(1H)-one

Molecular Weight 442.94

Purity >97% by HPLC

Targets SHH

Solubility DMSO (10 mM)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack