

Cyclopamine-KAAD

Cat. No. CEI-0518

Lot. No. (See product label)

Introduction

Description Cell-permeable. A synthetic derivative of the natural product Cyclopamine that acts as a specific inhibitor of Smoothed (Smo) and Sonic hedgehog (Shh) intracellular signaling ($IC_{50} = 20$ nM in the Shh-LIGHT2 assay).

Synonyms KAAD-cyclopamine

Product Information

Appearance Yellow solid

CAS No. 306387-90-6

Molecular Formula $C_{44}H_{63}N_3O_4$

Chemical Name 3-Keto-N-(aminoethyl-N'-aminocaproyldihydrocinnamoyl)cyclopamine

Molecular Weight 316.85

Purity >98% by HPLC

Targets Hh

Solubility DMSO (100 mM) or EtOH (10 mM)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack