

Smo Antagonist, SA9

Cat. No. CEI-0658

Lot. No. (See product label)

Introduction

Description SA9 inhibits Hh pathway by interacting directly with Smo. It inhibits SAG (Smoothed agonist) activation of Hh signaling in Shh-LIGHT 2 cells (IC₅₀ = 19 μM). Induces the localization of Smo to cilia in ASZ1 cells, but not in IMCD3 cells. Also treatment of Ptch1^{-/-} MEFs with SA9 suppresses the β-galactosidase activity (IC₅₀ = 1.0 μM) and inhibits the expression of Gli1 and Ptch1 in ASZ1 cells.

Product Information

Appearance Liquid

Molecular Formula C₂₇ H₂₈ ClN₅ O₂

Chemical Name 3-(3-(4-Fluorophenyl)-5-oxo-4,5-dihydro-[1,2,4]triazolo[4,3-a]quinazolin-1-yl)-N-(3-methylphenethyl)propanamide

Molecular Weight 860

Purity >95% by HPLC

Targets SMO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack