

Smo Antagonist, SA1

Cat. No. CEI-0659

Lot. No. (See product label)

Introduction

Description A Smoothened (Smo) antagonist. SA1 inhibits Hh pathway by interacting directly with Smo. Inhibits SAG (Smoothened agonist) activation of Hh signaling in Shh-LIGHT 2 cells (IC50 = 3.1 μ M). Also inhibits the localization of Smo to cilia. Treatment of Ptch1^{-/-} MEFs with SA1 suppresses the β -galactosidase activity (IC50 = 3.8 μ M) and inhibits the expression of Gli1 and Ptch1 in ASZ1 cells.

Product Information

Appearance Liquid

Molecular Formula C 26 H 29 FN 4 O 2

Chemical Name 3-(3-(4-Fluorophenyl)-2,5,7-trimethylpyrazolo[1,5a]pyrimidin-6-yl)-N-(4-(furan-2-yl)butan-2-yl)propanamide

Molecular Weight 873.99

Purity >95% by HPLC

Targets SMO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack