Creative Enzymes®

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 μM). Also inhibits the localization of Smo to cilia. Treatment of Ptch1-/- MEFs with SA1 suppresses the β-galactosidase activity (IC50 = 3.8 μM) 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