Creative Enzymes®

SANT-1

Cat. No. CEI-0664

Lot. No. (See product label)

Introduction

Description	Cell-permeable. A potent inhibitor of Sonic hedgehog (Shh) signaling; high affinity antagonist of smoothened activity (Kd = 1.2 nM). Inhibits smoothened agonist effects with an IC 50 of 20 nM in Shh-LIGHT2 cells. SANT-1 inhibits both wild type and oncogenic Smo with equal potency.

Product Information

Appearance	White to off-white solid
CAS No.	304909-07-7
Molecular Formula	C 23 H 27 N 27
Chemical Name	N-[(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)methylene]-4- (phenylmethyl)-1-piperazinamine
Molecular Weight	543.54
Purity	>98% by NMR
Targets	SHH
Solubility	DMSO

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack