

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 smoothed activity ($K_d = 1.2$ nM). Inhibits smoothed agonist effects with an IC₅₀ 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 C₂₃ H₂₇ N₂

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