

## 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 ( $K_d = 1.2$  nM). Inhibits smoothened agonist effects with an IC<sub>50</sub> 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<sub>23</sub> H<sub>27</sub> N<sub>2</sub>

**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