



MANUFACTURED BY VDM BIOCHEMICALS.LLC
5386 MAJESTIC PARKWAY, UNIT-9,BEDFORD HEIGHTS, OH 44146,USA

PHONE NUMBER: 1-440-786-9400
FAX NUMBER: 1-440-786-9410
EMAIL: SALES@VDMBIO.COM

www.vdmbio.com

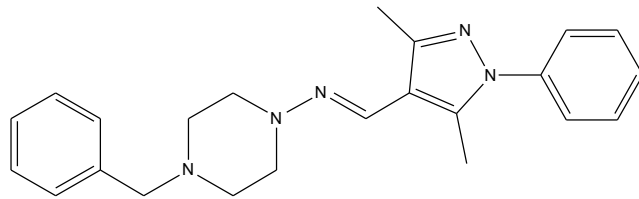
CERTIFICATE OF ANALYSIS

Product name: **SANT-1**

Cat. number: **VD-OEIA-0059** CAS Number: **304909-07-7** Lot number: **VD12-0008458**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₂₃ H ₂₇ N ₅
MW:	373.49
Purity:	>=99% by HPLC
Appearance:	Pale yellow solid.
Solubility:	25 mM in Ethanol and to 50 mM in DMSO.
Storage:	-20°C. Protect from light.
Synonyms:	Not available.

Product Description:

Potent, cell-permeable inhibitor of Sonic hedgehog (Shh) signaling; high affinity antagonist of smoothed activity (KD = 1.2 nM). Inhibits smoothed agonist effects with an IC₅₀ of 20 nM (in Shh-LIGHT2 cells).

Product Reference:

1.Chen et al (2002) Small molecule modulation of smoothed activity. Proc.Natl.Acad.Sci.USA. 99 14071.

Signature _____