

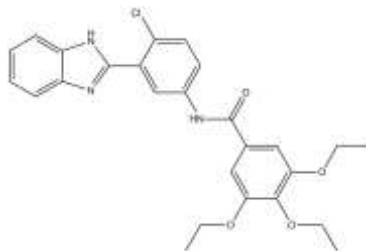
## SANT-2

**ALTERNATE NAME:** N-[3-(1H-Benzimidazol-2-yl)-4-chlorophenyl]-3,4,5-triethoxybenzamide

**CATALOG #:** 1976-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>26</sub>H<sub>26</sub>ClN<sub>3</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 479.96

**CAS NUMBER:** 329196-48-7

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (100 mM) or EtOH (100 mM)

**PURITY:** ≥95% by NMR

**STORAGE:** Store at -20 °C. Protect from light.

**DESCRIPTION:** Cell-permeable. A potent antagonist of Hedgehog (Hh) signaling pathway. Antagonizes smoothed receptor activity (K<sub>D</sub> = 12 nM) and inhibits SAG (Cat. No. 1939-500,1000) activity. SANT-2 should be a useful tool to study the Hh signaling pathway.

**REFERENCE:** Chen, J.K., *et al.* (2002). *Proc. Natl. Acad. Sci. USA* **99**, 14071-14076.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

- Cyclopamine (**Cat. No. 1578-5**)
- Cyclopamine-KAAD (**Cat. No. 1910-50**)
- GANT58 (**Cat. No. 1812-5, 25**)
- GANT61 (**Cat. No. 1892-5**)
- GDC-0449 (**Cat. No. 1890-5, 25**)
- Hh Signaling Pathway Antagonist (**Cat. No. 1659-1**)
- DiscoveryPak™ hedgehog Signaling Pathway Antagonists Set (**Cat. No. K868-6**)
- JK-184 (**Cat. No. 1726-1**)
- Purmorphamine (**Cat. No. 1672-5**)
- Robotnikinin (**Cat. No. 1923-1**)
- Sonic Hedgehog, human recombinant (**Cat. No. 4010-25, 100, 1000**)
- Sonic Hedgehog, human recombinant (**Cat. No. 4020-25, 100, 1000**)
- Tomatidine hydrochloride (**Cat. No. 1893-25**)