

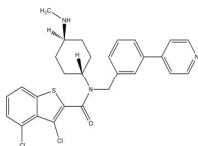
PRODUCT: SAG Analog (*trans*-isomer)

ALTERNATE NAME: 3,4-Dichloro-N-(*trans*-4-(methylamino)cyclohexyl)-N-(3-pyridin-4-ylbenzyl)benzo[b]thiophene-2-carboxamide; Compound 10c

CATALOG #: 2196-500, 1000

AMOUNT: 500 µg, 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₂₇Cl₂N₃OS

MOLECULAR WEIGHT: 524.50

CAS NUMBER: N/A

APPEARANCE: White to light yellow solid

SOLUBILITY: DMSO

PURITY: ≥98% by NMR

STORAGE: Store at -20 °C. Protect from air and moisture

DESCRIPTION: A cell-permeable, low toxicity, Sonic hedgehog (Shh) signaling agonist. Smoothened (Smo) agonist. Also acts as a potent activator of VEGF expression in vitro.

REFERENCE: Seifert, K., *et al.* (2012). *Bioorg. Med. Chem.* **20**, 6465-6481.

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

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)
- Itraconazole (Cat. No. 1987-50, 100, 500, 1000)
- JK-184 (Cat. No. 1726-1)
- Purmorphamine (Cat. No. 1672-5)
- Robotnikinin (Cat. No. 1923-1)
- SAG Analog (cis-isomer) (Cat. No. 2194-1)
- SANT-1 (Cat. No. 1978-1,5)
- SANT-2 (Cat. No. 1976-1, 5)
- Smo Antagonist, SA1 (Cat. No. 2154-2, 5)
- Smo Antagonist, SA9 (Cat. No. 2155-2, 5)
- Sonic Hedgehog, human recombinant (Cat. No. 4010-25, 100, 1000)
- Sonic Hedgehog, murine recombinant (Cat. No. 4020-25, 100, 1000)
- Tomatidine hydrochloride (Cat. No. 1893-25)

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*