**GDC-0449**

**ALTERNATE NAME:** 2-Chloro-N-(4-chloro-3-(pyridine-2-yl)phenyl)-4-(methylsulfonyl)benzamide; HhAntag691

**CATALOG #:** 1890-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

![Structure Image]

**MOLECULAR FORMULA:** C_{19}H_{14}Cl_{2}N_{2}O_{3}S

**MOLECULAR WEIGHT:** 421.30

**CAS NUMBER:** 879085-55-9

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

**SOLUBILITY:** DMSO (200 mg/ml) or EtOH (10 mg/ml with warming)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C

**DESCRIPTION:** A potent inhibitor of Smoothened (SMO), a key mediator of Hedgehog (Hh) signaling pathway. Inhibition of SMO renders the transcription factor GLI inactive, thus preventing the expression of genes that mediate the role of Hh on tumor growth.


**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)
- Hh Signaling Pathway Antagonist (Cat. No. 1659-1)
- JK-184 (Cat. No. 1726-1)