

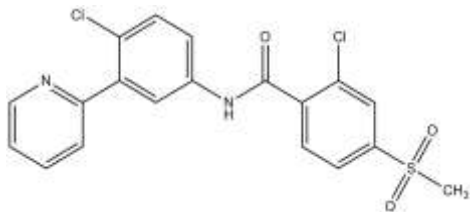
GDC-0449

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:



MOLECULAR FORMULA: C₁₉H₁₄Cl₂N₂O₃S

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.

REFERENCE: Dijkgraaf, G.J., *et al.* (2011). *Cancer Res.* **71**, 435-444.

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**)