**PRODUCT:** BMS-833923

**ALTERNATE NAME:** 3-(5-(4-(cyclopentyloxy)-2-hydroxybenzoyl)-2-(3-hydroxybenzo[d]isoxazol-6-yl)methoxy)phenyl)propanoic acid; XL-139

**CATALOG #:** 9547-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

![Structure](image)

**MOLECULAR FORMULA:** C_{30}H_{27}N_{5}O

**MOLECULAR WEIGHT:** 473.57

**CAS NUMBER:** 1059734-66-5

**APPEARANCE:** Light yellow to yellow solid

**SOLUBILITY:** DMSO (>5 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** BMS-833923 is a potent inhibitor of Smo (Smoothened) with potential antineoplastic activity. It blocks binding of BODIPY cyclopamine (IC_{50} = 21 nM) and inhibits Gli activation in cell lines that express wild-type Smo or activated mutant forms of Smo (IC_{50} = 6-35 nM). BMS-833923 inhibits Shh pathway activity and prevents tumor growth in medulloblastoma and pancreatic carcinoma xenograft models.


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

**RELATED PRODUCTS:**
- BODIPY-Cyclopamine (Cat. No. 2160-50, 250)
- CUR-61414 (Cat. No. 2743-5, 25)
- Cyclopamine (Cat. No. 1578-5)
- EZSolution™ Cyclopamine (Cat. No. 2545-5)
- Cyclopamine-KAAD (Cat. No. 1910-50)
- GANT58 (Cat. No. 1812-5, 25)
- GANT61 (Cat. No. 1892-5)
- GDC-0449 (Cat. No. 1890-5, 25)
- EZSolution™ GDC-0449 (Cat. No. 2539-5)
- Hh Signaling Pathway Antagonist (Cat. No. 1659-1)
- DiscoveryPak™ hedgehog Signaling Pathway Antagonists Set (Cat. No. K686-6)
- HPI-1 (Cat. No. 2410-5, 25)
- Jervine (Cat. No. 2357-1, 5)
- JK-184 (Cat. No. 1726-1)
- LDE-225 (Cat. No. 2892-5, 25)
- LDE-225 diphosphate (Cat. No. 2893-5, 25)
- Pumorphamine (Cat. No. 1672-5)
- Robotnikinin (Cat. No. 1923-1)
- SANT-1 (Cat. No. 1978-1, 5)
- SANT-2 (Cat. No. 1976-1, 5)
- Smo Antagonist, SA1 (Cat. No. 2154)
- Smo Antagonist, SA9 (Cat. No. 2155)
- Smo Antagonist, SA10 (Cat. No. 2159)
- 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