

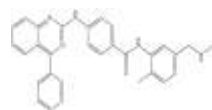
**PRODUCT: BMS-833923**

**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:**



**MOLECULAR FORMULA:** C<sub>30</sub>H<sub>27</sub>N<sub>5</sub>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 (Smoothed) with potential antineoplastic activity. It blocks binding of BODIPY cyclopamine (IC<sub>50</sub> = 21 nM) and inhibits Gli activation in cell lines that express wild-type Smo or activated mutant forms of Smo (IC<sub>50</sub>s = 6-35 nM). BMS-833923 inhibits Shh pathway activity and prevents tumor growth in medulloblastoma and pancreatic carcinoma xenograft models.

**REFERENCES:** Lin, T.L., and Matsui, W. (2012). *Onco Targets Ther.* 5, 47-58.

**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. K868-6)

HPI-1 (Cat. No. 2410-5, 25)

Itraconazole (Cat. No. 1987-50, 100, 500, 1000)

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)

Purmorphamine (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**