PRODUCT: MK-4101

ALTERNATE NAME: 5-[3,3-Difluorocyclobutyl]-3-[4-[4-methyl-5-[2- (trifluoromethyl)phenyl]-4H-1,2,4-triazol-3-yl]bicyclo[2.2.2]oct-1-yl]-1,2,4-oxadiazole

CATALOG #: B1255-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C24H24F5N5O

MOLECULAR WEIGHT: 493.48

CAS NUMBER: 935273-79-3

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: MK-4101 is a potent and selective inhibitor of the Hedgehog (Hh) signaling Pathway. It displays potent activity against medulloblastoma and Basal Cell Carcinoma (BCC). MK-4101 shows anti-tumor activity through the inhibition of proliferation and induction of extensive apoptosis in tumor cells.


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

RELATED PRODUCTS:
- BODIPY-Cycloamine (Cat. No. 2160-50, 250)
- CUR-61414 (Cat. No. 2743-5, 25)
- Cycloamine (Cat. No. 1578-5)
- EZSolution™ Cycloamine (Cat. No. 2545-5)
- Cycloamine-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