**PRODUCT:** LDE-225  

**ALTERNATE NAME:** N-(6-((2R,6S)-2,6-dimethylmorpholino)pyridin-3-yl)-2-methyl-4'-((trifluoromethoxy)-[1,1'-biphenyl]-3-carboxamide; Sonidegib; Erismodegib; NVP-LDE225

**CATALOG #:** 2892-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** \(\text{C}_{26}\text{H}_{26}\text{F}_{3}\text{N}_{3}\text{O}_{3}\)

**MOLECULAR WEIGHT:** 485.50

**CAS NUMBER:** 956697-53-3

**APPEARANCE:** Off-white solid

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

**PURITY:** \(\geq 98\%\) by HPLC

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

**DESCRIPTION:** LDE225 is a potent and selective antagonist of Smoothened (Smo) with IC\(_{50}\) values of 2.5 nM and 1.3 nM for human and mouse Hedgehog, respectively. LDE-225 induces dose-related inhibition of Hh and Smo-dependent tumor growth.


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

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

**USAGE:** FOR RESEARCH CH USE ONLY! Not to be used in humans