

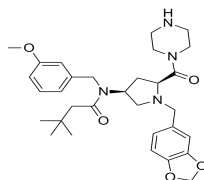
Product: **CUR-61414**

ALTERNATE NAME: N-[(3S,5S)-1-(1,3-Benzodioxol-5-ylmethyl)-5-(1-piperazinylcarbonyl)-3-pyrrolidinyl]-N-[(3-methoxyphenyl)methyl]-3,3-dimethylbutanamide

CATALOG #: 2743-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₁H₄₂N₄O₅

MOLECULAR WEIGHT: 550.69

CAS NUMBER: 334998-36-6

APPEARANCE: Tan solid

SOLUBILITY: DMSO (40 mg/ml) or EtOH (20 mg/ml)

PURITY: ≥98% by TLC

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

DESCRIPTION: CUR-61414 is a potent, cell-permeable, Hedgehog signaling pathway inhibitor (IC₅₀ = 100-200 nM). Selectively binds to Smo but not other GPCRs. CUR 61414 blocks proliferation and induces apoptosis in mouse basal cell carcinoma and causes regression of basaloid lesions triggered by ultraviolet light in mouse skin.

REFERENCE: Williams, J.A., et al. (2003). *Proc. Natl. Acad. Sci. USA* **100**, 4616-4621.

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)
- 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)
- 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)

FOR RESEARCH USE ONLY! Not to be used on humans.