
LDE225

产品编号: D50713

CAS: 956697-53-3

分子式: C₂₆H₂₆F₃N₃O₃

纯度: ≥98%

InChi: InChi=1S/C₂₆H₂₆F₃N₃O₃/c1-16-14-32(15-17(2)34-16)24-12-9-20(13-30-24)31-25(33)23-6-4-5-22(18(23)3)19-7-10-21(11-8-19)35-26(27,28)29/h4-13,16-17H,14-15H₂,1-3H₃, (H,31,33)/t16-,17+

InChi Key: VZZJRYRQSPMTK-CALCHBBNSA-N

Smiles: CC1C(=CC=CC=1C1C=CC(=CC=1)OC(F)(F)F)C(=O)NC1C=NC(=CC=1)N1C[C@H](C)O[C@H](C)C1

外观: 固体粉末

作用通路: Smo

溶解性: DMSO up to 100 mM

保存条件: Store in dry, dark place for one year.

产品介绍: LDE225 is a potent and specific Hedgehog pathway inhibitor through binding and antagonizing Smo with an IC₅₀ of 11 nM. It is currently in the clinical trials to treat cancers. It inhibited Hh signaling and induces tumor regression in animal models of medulloblastoma. It sensitized chemotherapy-resistant ovarian cancer cell lines to paclitaxel, but not to carboplatin. In one of the clinical trials, treatment with 0.75% LDE225 cream in NBCCS patients was very well tolerated and caused BCC regression.