
IDH2-C100

产品编号: D50855

CAS: 1446506-78-0

分子式: C₁₈H₁₉N₅

纯度: ≥98%

InChi: InChI=1S/C₁₈H₁₉N₅/c1-13(2)19-17-21-16(14-9-5-3-6-10-14)22-18(23-17)20-15-11-7-4-8-12-15
/h3-13H,1-2H3,(H2,19,20,21,22,23)

InChi Key: WVHMNCOFPWFUMF-UHFFFAOYSA-N

Smiles: CC(C)NC1N=C(NC2C=CC=CC=2)N=C(N=1)C1C=CC=CC=1

外观: 固体粉末

溶解性: DMSO up to 50 mM

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

产品介绍: IDH2-C100 is a potent and selective inhibitor of IDH2 R140Q and R172K mutant first reported in patent WO 2013102431. It can inhibit the enzymatic activity of IDH2 R140Q and R172K in vitro with an IC₅₀ < 0.1 μM. It has IC₅₀ < 0.1 μM in U87MG pLVX-IDH2 R140Q-neo cell based assay. It is an analog of clinical IDH2 inhibitor AG-221 by Thomson Reuters Integrity analysis.