
INCB024360 (Epacadostat)

产品编号: D50949

CAS: 1204669-58-8

分子式: C₁₁H₁₃BrFN₇O₄S

纯度: ≥98%

InChi: InChI=1S/C₁₁H₁₃BrFN₇O₄S/c12-7-5-6(1-2-8(7)13)17-11(18-21)9-10(20-24-19-9)15-3-4-16-25(14,22)23/h1-2,5,16,21H,3-4H₂, (H,15,20)(H,17,18)(H₂,14,22,23)

InChi Key: FBKMWOJEPMPVTQ-UHFFFAOYSA-N

Smiles: NS(=O)(=O)NCCNC1=NON=C1/C(/NC1=CC(Br)=C(F)C=C1)=N/O

外观: 固体粉末

作用通路: Indoleamine 2, 3-Dioxygenase (IDO)

溶解性: DMSO up to 100 mM

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

产品介绍: INCB024360 is a potent and selective indoleamine 2, 3-dioxygenase (IDO1) inhibitor with IC₅₀ ~10 nM. It displays high selectivity over other related enzymes such as IDO2 or tryptophan 2, 3-dioxygenase (TDO). In coculture systems of human allogeneic lymphocytes with dendritic cells (DCs) or tumor cells, INCB024360 inhibition of IDO1 promotes T and natural killer (NK)-cell growth, increases IFN-gamma production, and reduces conversion to regulatory T (T(reg))-like cells. Administration of INCB024360 to tumor-bearing mice significantly inhibits tumor growth in a lymphocyte-dependent manner. INCB024360 has completed Phase I clinical trials and is now being used in combination with other cancer immunotherapy agents.