
SR-717 lithium

产品编号: D51581

CAS: 2375421-09-1

分子式: C₁₅H₈F₂LiN₅O₃

纯度: ≥98%

InChi: InChi=1S/C₁₅H₉F₂N₅O₃.Li/c16-9-5-8(15(24)25)12(6-10(9)17)19-14(23)11-1-2-13(21-20-11)22-4-3-18-7-22;/h1-7H,(H,19,23)(H,24,25);/q;+1/p-1

InChi Key: ODSAJRWPLSVEHJ-UHFFFAOYSA-M

Smiles: [Li+].[O-]C(=O)C1C=C(F)C(F)=CC=1NC(=O)C1=CC=C(N=N1)N1C=NC=C1

外观: 固体粉末

作用通路: STING

溶解性: Soluble in DMSO

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

产品介绍: SR-717 is an agonist of stimulator of interferon genes STING for treating cancer. SR-717 demonstrates broad interspecies and interallelic specificity. SR-717 functions as a direct cyclic guanosine monophosphate-adenosine monophosphate (cGAMP) mimetic that induces the same "closed" conformation of STING. SR-717 displayed antitumor activity; promoted the activation of CD8⁺ T, natural killer, and dendritic cells in relevant tissues; and facilitated antigen cross-priming. SR-717 also induced the expression of clinically relevant targets, including programmed cell death 1 ligand 1 (PD-L1), in a STING-dependent manner.