
AGI-6780

产品编号: D50778

CAS: 1432660-47-3

分子式: C₂₁H₁₈F₃N₃O₃S₂

纯度: ≥98%

InChi: InChi=1S/C₂₁H₁₈F₃N₃O₃S₂/c22-21(23,24)14-2-1-3-16(10-14)25-20(28)26-19-11-17(32(29,30)
27-15-4-5-15)6-7-18(19)13-8-9-31-12-13/h1-3,6-12,15,27H,4-5H₂, (H₂,25,26,28)

InChi Key: CCAWRGNYALGPQH-UHFFFAOYSA-N

Smiles: O=C(NC1C=CC=C(C=1)C(F)(F)F)NC1C=C(C=CC=1C1=CSC=C1)S(=O)(=O)NC1CC1

外观: 固体粉末

作用通路: Isocitrate Dehydrogenase (IDH)

溶解性: DMSO up to 50 mM

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

产品介绍: AGI-6780 is a potent and selective IDH2 inhibitor. AGI-6780 inhibits the tumor-associated mutant IDH2/R140Q. Treatment with AGI-6780 induced differentiation of TF-1 erythroleukemia and primary human acute myelogenous leukemia cells in vitro. Inhibitors targeting mutant IDH2/R140Q could have potential applications as a differentiation therapy for cancer.