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## AG-221 (Enasidenib)

产品编号: D50953

CAS: 1446502-11-9

分子式: C<sub>19</sub>H<sub>17</sub>F<sub>6</sub>N<sub>7</sub>O

纯度: ≥98%

InChi: InChi=1S/C<sub>19</sub>H<sub>17</sub>F<sub>6</sub>N<sub>7</sub>O/c1-17(2,33)9-27-15-30-14(11-4-3-5-12(29-11)18(20,21)22)31-16(32-15)28-10-6-7-26-13(8-10)19(23,24)25/h3-8,33H,9H2,1-2H3,(H2,26,27,28,30,31,32)

InChi Key: DYLUUSLLRIQKOE-UHFFFAOYSA-N

Smiles: CC(C)(O)CNC1N=C(N=C(NC2C=CN=C(C=2)C(F)(F)F)N=1)C1C=CC=C(N=1)C(F)(F)F

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: Enasidenib, also known as AG-221 and CC-90007, is a potent and selective IDH2 inhibitor with potential anticancer activity (IDH2 = Isocitrate dehydrogenase 2). The mutations of IDH2 present in certain cancer cells result in a new ability of the enzyme to catalyze the NAPH-dependent reduction of α-ketoglutarate to R(-)-2-hydroxyglutarate (2HG). The production of 2HG is believed to contribute to the formation and progression of cancer. The inhibition of mutant IDH2 and its neoactivity is therefore a potential therapeutic treatment for cancer.