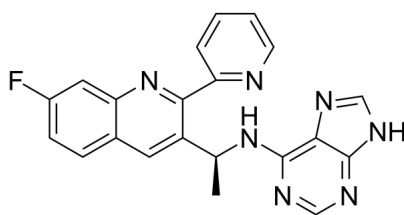


Data Sheet

Product Information

Catalog Number	BP22284
Product Name	AMG319
Description	AMG319 is a potent and selective PI3K δ inhibitor with IC ₅₀ of 18 nM, >47-fold selectivity over other PI3Ks. Phase 2.
Targets&IC ₅₀	PI3K δ :18 nM
In vitro	AMG319 inhibits anti-IgM/CD40L-induced B cell proliferation with IC ₅₀ of 8.6 nM and reduces pAkt level with IC ₅₀ of 1.5 nM. AMG319 also inhibits anti-IgD-induce CD-69 expression in HWB.
In vivo	In female Lewis rats, AMG319 (3 mg/kg, p.o.) inhibits the KLH-induced inflammatory response by 88%. In the transgenic (IgMm) mice, AMG319 (, p.o.) inhibits in vivo pAKT with IC ₅₀ of 1.9 nM.
CAS No.	1608125-21-8
Chemical Formula	C ₂₁ H ₁₆ FN ₇
Molecular Weight	385.406
Solubility	H ₂ O: <1 mg/mL DMSO: 71 mg/mL (184.2 mM); Ethanol: 71 mg/mL (184.2 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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