

Product Name	: AZD3229
Synonyms	: AZD-3229; AZD 3229
Cat No.	: M13614
CAS Number	: 2248003-60-1
Molecular Formula	: C ₂₄ H ₂₆ N ₇ O ₃
Formula Weight	: 479.52
Chemical Name	: N-(4-[[5-Fluoro-7-(2-methoxyethoxy)quinazolin-4-yl]-amino]phenyl)-2-[4-(propan-2-yl)-1H-1,2,3-triazol-1-yl]-acetamide
Description	: AZD3229 (AZD-3229) is a potent, pan-KIT mutant inhibitor with potent single digit nM growth inhibition against a diverse panel of mutant KIT driven Ba/F3 cell lines (GI ₅₀ =1-50 nM); shows good margin to KDR-driven effects, also inhibits PDGFR mutants (Tel-PDGFR α , Tel-PDGFR β , V561D/D842V).
Pathway	: Angiogenesis
Target	: c-Kit
Receptor	: Kit
Solubility	: DMSO: 95 mg/mL (198.12 mM); Water: Insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
SMILES	: <chem>O=C(NC1=CC=C(NC2=C3C(F)=CC(OCCOC)=CC3=NC=N2)C=C1)CN4N=NC(C(C)C)=C4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Kettle JG, et al. J Med Chem. 2018 Sep 24. doi: 10.1021/acs.jmedchem.8b00938.