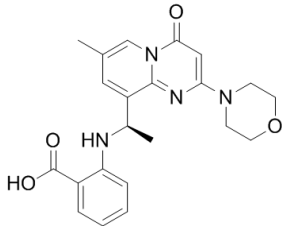


Product Name	: AZD 6482	
Synonyms	: AZD6482;AZD-6482;KIN-193;KIN 193;KIN193	
Cat No.	: M10586	
CAS Number	: 1173900-33-8	
Molecular Formula	: C ₂₂ H ₂₄ N ₄ O ₄	
Formula Weight	: 408.45	
Chemical Name	: Benzoic acid, 2-[[[(1R)-1-[7-methyl-2-(4-morpholinyl)-4-oxo-4H-pyrido[1,2-a]pyrimidin-9-yl]ethyl]amino]-	
Description	: A potent, selective and ATP competitive PI3K β inhibitor with IC ₅₀ of 10 nM; displays weak activity over PI3K δ /PI3K α /PI3K γ /DNA-PK (IC ₅₀ =80/870/1090/420 nM); potently inhibits Akt(Ser 473) phosphorylation in adenocarcinoma MDA-MB-468 cells (IC ₅₀ =40 nM); inhibits insulin-induced human adipocyte glucose uptake in vitro (IC ₅₀ =4.4 μ M).Thrombosis Discontinued	
Pathway	: PI3K/Akt/mTOR signaling	
Target	: PI3K	
Receptor	: DNA-PK;PI3K α ;PI3K β ;PI3K γ ;PI3K δ	
Solubility	: 10 mM in DMSO	
SMILES	: <chem>C[C@@H](NC1=CC=CC=C1C(=O)O)C1=CC(C)=CN2C(=O)C=C(N=C12)N1CCOCC1</chem> r,c:5,7,16,21,t:3,13,23	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Giordanetto F, et al. Bioorg Med Chem Lett. 2014 Aug 15;24(16):3936-43.| 2. Nylander S, et al. J Thromb Haemost. 2012 Oct;10(10):2127-36.| 3. Laurent PA, et al. Blood. 2015 Jan 29;125(5):881-8.