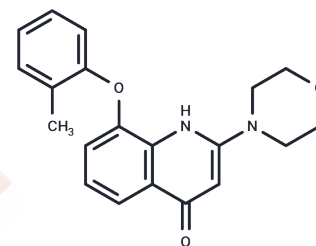


TGX-115

Chemical Properties

CAS No. : 351071-62-0
 Formula: C₂₀H₂₀N₂O₃
 Molecular Weight: 336.38
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	TGX-115 is a cell-permeable and potent inhibitor of the PI 3-K isoform p110β/p110δ (IC ₅₀ values of 0.13 μM for p110β and 0.63 μM for p110δ), an enzyme that regulates platelet adhesion and inhibits phosphoinositide (PI) 3-kinase, and can be used to treat coronary artery occlusion, stroke, acute coronary artery It can be used to treat cardiovascular diseases such as coronary occlusion, stroke, acute coronary syndrome, acute myocardial infarction, restenosis, atherosclerosis and unstable angina.
Targets(IC ₅₀)	PI3K

Solubility Information

Solubility	DMSO: 22.5 mg/mL (66.89 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9728 mL	14.8641 mL	29.7283 mL
5 mM	0.5946 mL	2.9728 mL	5.9457 mL
10 mM	0.2973 mL	1.4864 mL	2.9728 mL
50 mM	0.0595 mL	0.2973 mL	0.5946 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Knight ZA, et al. Isoform-specific phosphoinositide 3-kinase inhibitors from an arylmorpholine scaffold. Bioorg Med Chem. 2004 ; 12(17):4749-4759.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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