

AZ-PFKFB3-67 quarterhydrate

Chemical Properties

CAS No. :

Formula: C₂₆H₂₇N₅O₄

Molecular Weight: 460.01

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	AZ-PFKFB3-67 quarterhydrate is a selective and potent inhibitor of the metabolic kinase PFKFB3 kinase, acting on PFKFB3 (IC ₅₀ : 11 nM), PFKFB2 (IC ₅₀ : 159 nM) and PFKFB1 (IC ₅₀ : 1130 nM).
Targets(IC ₅₀)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1739 mL	10.8693 mL	21.7387 mL
5 mM	0.4348 mL	2.1739 mL	4.3477 mL
10 mM	0.2174 mL	1.0869 mL	2.1739 mL
50 mM	0.0435 mL	0.2174 mL	0.4348 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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