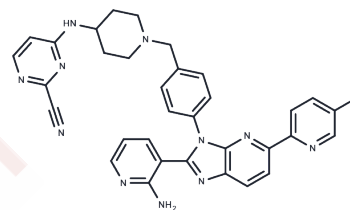


Tanerasertib

Chemical Properties

CAS No. :	3034255-93-8
Formula:	C ₃₃ H ₂₈ FN ₁₁
Molecular Weight:	597.65
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	Tanerasertib is an AKT1 inhibitor that can specifically target the AKT1 E17K mutant. The EC ₅₀ of tanerasertib ranges from 15 to 60 nM, making it applicable to cancer-related research.
Targets(IC50)	Akt

Solubility Information

Solubility	DMSO: 8 mg/mL (13.39 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	1.6732 mL	8.3661 mL	16.7322 mL
5 mM	0.3346 mL	1.6732 mL	3.3464 mL
10 mM	0.1673 mL	0.8366 mL	1.6732 mL
50 mM	0.0335 mL	0.1673 mL	0.3346 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

Michael David Bartberger, et al. Akt1 modulators. WO2024073371A1. 2024-04-04.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481