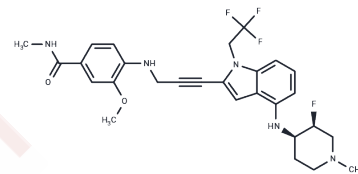


Rezatapopt

Chemical Properties

CAS No. :	2636846-41-6
Formula:	C ₂₈ H ₃₁ F ₄ N ₅ O ₂
Molecular Weight:	545.57
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	Rezatapopt (PC14586) is a small molecule p53 reactivator with anti-tumor activity that selectively binds to the cleft present in the TP53 Y220C mutant protein and restores the p53 wild-type (normal) conformation and transcriptional activity, and can be used to study locally advanced or metastatic solid tumors.
Targets(IC50)	Others,p53,MDM-2/p53

Solubility Information

Solubility	DMSO: 80 mg/mL (146.64 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	1.8329 mL	9.1647 mL	18.3295 mL
5 mM	0.3666 mL	1.8329 mL	3.6659 mL
10 mM	0.1833 mL	0.9165 mL	1.8329 mL
50 mM	0.0367 mL	0.1833 mL	0.3666 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

Li Sujing, et al. Heteroarylalkyne compounds for targeting mutant of p53 and their preparation. World Intellectual Property Organization, WO2023016434 A2023-02-16.

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