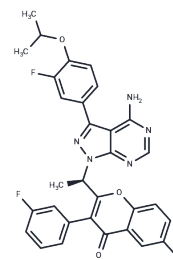


Umbralisib R-enantiomer

Chemical Properties

CAS No. :	1532533-69-9
Formula:	C ₃₁ H ₂₄ F ₃ N ₅ O ₃
Molecular Weight:	571.55
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	Umbralisib R-enantiomer (RP5264 R-enantiomer) is a delta inhibitor of PI3K and a less active enantiomer of TGR-1202. The IC ₅₀ of Umbralisib R-enantiomers against δPI3 kinase is at least 20 times lower than that of the inhibitors against other PI3K isoforms (A, β, and γ).
Targets(IC ₅₀)	PI3K

Solubility Information

Solubility	DMSO: 9 mg/mL (15.75 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	1.7496 mL	8.7481 mL	17.4963 mL
5 mM	0.3499 mL	1.7496 mL	3.4993 mL
10 mM	0.175 mL	0.8748 mL	1.7496 mL
50 mM	0.035 mL	0.175 mL	0.3499 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 Weiss, et al. Combination of anti-cd20 antibody and pi3 kinase selective inhibitor. WO2014071125A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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