

## Desmorpholinyl Quizartinib-PEG2-COOH

## Chemical Properties

CAS No. : 2292116-14-2

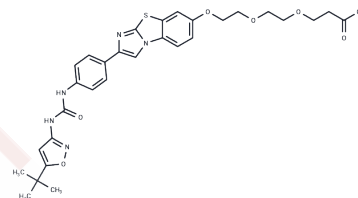
Formula: C30H33N5O7S

Molecular Weight: 607.68

Keep away from direct sunlight

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	Desmorpholinyl Quizartinib-PEG2-COOH is a compound featuring an FLT-3 ligand and a PEG-based PROTAC linker. It is employed in the synthesis of PROTAC FLT-3 degrader 1, which serves as a degrader for the FLT-3 internal tandem duplication (ITD) through PROTAC technology. The degrader exhibits an IC50 of 0.6 nM.
Targets(IC50)	Others,Target Protein Ligand-Linker Conjugates

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6456 mL	8.228 mL	16.456 mL
5 mM	0.3291 mL	1.6456 mL	3.2912 mL
10 mM	0.1646 mL	0.8228 mL	1.6456 mL
50 mM	0.0329 mL	0.1646 mL	0.3291 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

Burslem GM, et al. Enhancing Antiproliferative Activity and Selectivity of a FLT-3 Inhibitor by Proteolysis Targeting Chimera Conversion. J Am Chem Soc. 2018 Dec 5;140(48):16428-16432.

**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