

TMX-4153

## Chemical Properties

CAS No. : 2867519-91-1

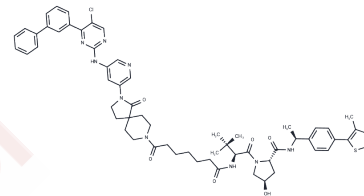
Formula: C<sub>59</sub>H<sub>67</sub>ClN<sub>10</sub>O<sub>6</sub>S

Molecular Weight: 1079.75

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	TMX-4153 is a bivalent degrader that selectively targets and rapidly degrades endogenous PIP4K2C through recruitment of the von Hippel-Lindau (VHL) E3 ligase complex, demonstrating a K <sub>D</sub> of 42 nM. It is applicable in the synthesis of PROTAC [1].
Targets(IC50)	Ligands for Target Protein for PROTAC
In vitro	TMX-4153, at concentrations of 0.01, 0.05, 0.1, 0.5, and 1 μM and with an exposure duration of 6 hours, selectively degrades PIP4K2C in MOLT-4 cells [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9261 mL	4.6307 mL	9.2614 mL
5 mM	0.1852 mL	0.9261 mL	1.8523 mL
10 mM	0.0926 mL	0.4631 mL	0.9261 mL
50 mM	0.0185 mL	0.0926 mL	0.1852 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

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

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