

## Dimethyl-F-OICR-9429-COOH

## Chemical Properties

CAS No. : 2407458-49-3

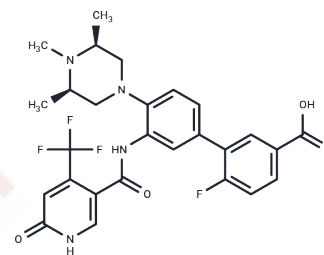
Formula: C<sub>27</sub>H<sub>26</sub>F<sub>4</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 546.523

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	Dimethyl-F-OICR-9429-COOH, a ligand for WD40 repeat domain protein 5 (WDR5). This compound is utilized as a key component in the synthesis of PROTACs.
Targets(IC50)	Others,Ligands for Target Protein for PROTAC
In vitro	PROTACs, comprising two ligands linked together—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8298 mL	9.1488 mL	18.2976 mL
5 mM	0.366 mL	1.8298 mL	3.6595 mL
10 mM	0.183 mL	0.9149 mL	1.8298 mL
50 mM	0.0366 mL	0.183 mL	0.366 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

Jin J, et, al. Wd40 repeat domain protein 5 (wdr5) degradation/disruption compounds and methods of use. WO2019246570A1.

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