

CCW16

## Chemical Properties

CAS No. : 2361138-33-0

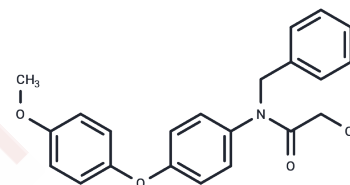
Formula: C<sub>22</sub>H<sub>20</sub>ClNO<sub>3</sub>

Molecular Weight: 381.85

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	CCW16 is a covalent E3 ubiquitin ligase RNF4 ligand exhibiting cysteine reactivity, capable of inducing ferroptosis in AML cells by activating ROS signalling. CCW16 may be utilised in synthesising PROTAC degraders such as CCW 28-3.
Targets(IC50)	Ferroptosis,Ligands for E3 Ligase,ROS

## Solubility Information

Solubility	DMSO: 20 mg/mL (52.38 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6188 mL	13.0941 mL	26.1883 mL
5 mM	0.5238 mL	2.6188 mL	5.2377 mL
10 mM	0.2619 mL	1.3094 mL	2.6188 mL
50 mM	0.0524 mL	0.2619 mL	0.5238 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

Ward CC, et, al. Covalent Ligand Screening Uncovers a RNF4 E3 Ligase Recruiter for Targeted Protein Degradation Applications. ACS Chem Biol. 2019 Nov 15;14(11):2430-2440.

**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