

TG2-179-1

## Chemical Properties

CAS No. : 1135023-19-6

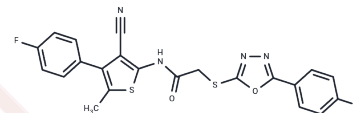
Formula: C<sub>22</sub>H<sub>14</sub>ClFN<sub>4</sub>O<sub>2</sub>S<sub>2</sub>

Molecular Weight: 484.95

Store at low temperature

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	TG2-179-1 is a BRCA1-associated protein 1 (BAP1) inhibitor with potential anticancer activity. TG2-179-1 exhibits potent cytotoxic activity against colon cancer cells and induces apoptosis. TG2-179-1 can be used in colon cancer research. TG2-179-1 is a BRCA1-associated protein 1 (BAP1) inhibitor with potential anticancer activity.
Targets(IC50)	Apoptosis

## Solubility Information

Solubility	DMF: 1 mg/mL (2.06 mM),Sonication is recommended. Ethanol: 1 mg/mL (2.06 mM),Sonication is recommended. DMSO: 1 mg/mL (2.06 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0621 mL	10.3103 mL	20.6207 mL
5 mM	0.4124 mL	2.0621 mL	4.1241 mL
10 mM	0.2062 mL	1.031 mL	2.0621 mL
50 mM	0.0412 mL	0.2062 mL	0.4124 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

Kang M, et al. Targeting BAP1 with small compound inhibitor for colon cancer treatment. Sci Rep. 2023 Feb 8;13(1):2264.

**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