

ACBI3

Chemical Properties

CAS No. : 2938169-76-5

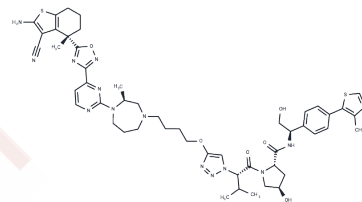
Formula: C50H62N14O6S2

Molecular Weight: 1019.25

Store at low temperature,Keep away from moisture

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 | ACBI3 is a selective pan-KRAS degrader with anticancer activity that degrades oncogenic KRAS. ACBI3 inhibits the growth of most cancer cell lines driven by KRAS mutations. |
| Targets(IC50) | Others,PROTACs,Ras,Kras |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 200 mg/mL (196.22 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.9811 mL | 4.9056 mL | 9.8111 mL |
| 5 mM | 0.1962 mL | 0.9811 mL | 1.9622 mL |
| 10 mM | 0.0981 mL | 0.4906 mL | 0.9811 mL |
| 50 mM | 0.0196 mL | 0.0981 mL | 0.1962 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

Popow J, et al. Targeting cancer with small molecule pan-KRAS degraders[J]. bioRxiv, 2023: 2023.10. 24.563163.

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