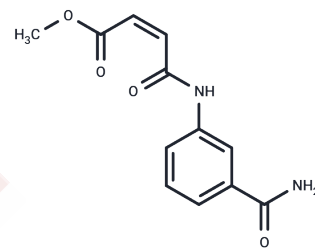


ARTD10/PARP10-IN-1

Chemical Properties

CAS No. :	1708103-76-7
Formula:	C12H12N2O4
Molecular Weight:	248.23
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	ARTD10/PARP10-IN-1 is a potent PARP inhibitor of the mono-ADP ribosyltransferases ARTD7/PARP15, ARTD8/PARP14, ARTD10/PARP10 and poly ADP-ribose polymerase-1 (ARTD1/PARP1), with potential anticancer and antitumour activity for the study of prostate and breast cancers.
Targets(IC50)	PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0285 mL	20.1426 mL	40.2852 mL
5 mM	0.8057 mL	4.0285 mL	8.057 mL
10 mM	0.4029 mL	2.0143 mL	4.0285 mL
50 mM	0.0806 mL	0.4029 mL	0.8057 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

Ekblad T, et al. Towards small molecule inhibitors of mono-ADP-ribosyltransferases. Eur J Med Chem. 2015 May 5; 95:546-51.

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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