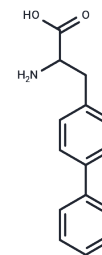


SC-10914

Chemical Properties

CAS No. : 76985-08-5
 Formula: C₁₅H₁₅NO₂
 Molecular Weight: 241.29
 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	SC10914 is a highly potent PARP inhibitor (PARP1 IC ₅₀ = 7.87 nM) with potent anti-proliferative activity against human BRCA deficient tumor cells (MDA-MB-436, BRCA1 deficient, IC ₅₀ = 4.03 nM, Capan-1 BRCA2 deficient, IC ₅₀ = 11.66 nM) and PTEN deficient tumor cells (HGC-27, PTEN deficient, IC ₅₀ = 0.35 μM). SC10914 showed potent anti-tumor activity in BRCA1/2 mutant tumor models and better pharmacokinetics profile has the potential to be selected as the clinical candidate for the treatment of treatment of BRCA1/2 deficient cancers.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1444 mL	20.722 mL	41.4439 mL
5 mM	0.8289 mL	4.1444 mL	8.2888 mL
10 mM	0.4144 mL	2.0722 mL	4.1444 mL
50 mM	0.0829 mL	0.4144 mL	0.8289 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.

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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