Data Sheet (Cat.No.T12229L)

TargetMol

Niraparib metabolite M1 HCl

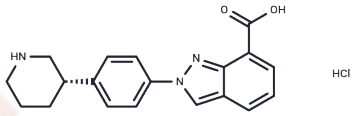
Chemical Properties

CAS No. :

Formula: C19H20ClN3O2

Molecular Weight: 357.83

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	Niraparib metabolite M1 HCl is the active metabolite of Niraparib, as a novel targeted ADP ribose polymerase (PARP) inhibitor, it can competitively inhibit PARP1 and PARP2 to block the DNA repair mechanism of tumor cells and thus effectively inhibit the growth and proliferation, which is commonly used in the study of ovarian cancer, fallopian tube cancer and primary peritoneal cancer, and is commonly used in the study of ovarian, fallopian tube and primary peritoneal cancers.
Targets(IC50)	PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7946 mL	13.9731 mL	27.9462 mL
5 mM	0.5589 mL	2.7946 mL	5.5892 mL
10 mM	0.2795 mL	1.3973 mL	2.7946 mL
50 mM	0.0559 mL	0.2795 mL	0.5589 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

van Andel L, et al. Liquid chromatography-tandem mass spectrometry assay for the quantification of niraparib and its metabolite M1 in human plasma and urine. J Chromatogr B Analyt Technol Biomed Life Sci. 2016 Nov 19; 1040:14-21

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