

ABT-472

Chemical Properties

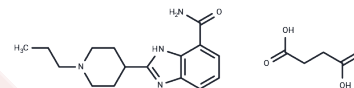
CAS No. : 943650-25-7

Formula: C₂₀H₂₈N₄O₅

Molecular Weight: 404.46

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	ABT-472 is a novel PARP inhibitor
Targets(IC50)	Others,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4724 mL	12.3622 mL	24.7243 mL
5 mM	0.4945 mL	2.4724 mL	4.9449 mL
10 mM	0.2472 mL	1.2362 mL	2.4724 mL
50 mM	0.0494 mL	0.2472 mL	0.4945 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

Saqib U, Baig MS. Probing PARP1-inhibitor complexes for the development of novel inhibitors. Cell Mol Biol (Noisy-le-grand). 2014 Oct 25;60(3):43-52. PubMed PMID: 25346248.

Process Development for ABT-472, a Benzimidazole PARP Inhibitor Org. Process Res. Dev., 2007, 11 (4), pp 693-698 DOI: 10.1021/op7000194 Publication Date (Web): May 15, 2007 Copyright © 2007 American Chemical Society.

Synthesis of the Quinolone ABT-492: Crystallizations for Optimal Processing Org. Process Res. Dev., 2006, 10 (4), pp 751-756 DOI: 10.1021/op060054e Publication Date (Web): June 23, 2006 Copyright © 2006 American Chemical Society.

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