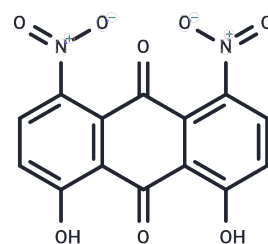


ARDP0006

Chemical Properties

CAS No. : 81-55-0
 Formula: C₁₄H₆N₂O₈
 Molecular Weight: 330.21
 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	ARDP0006 is an inhibitor of NS2B-NS3 protease.
Targets(IC50)	Anti-infection,Others,Virus Protease

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0284 mL	15.1419 mL	30.2838 mL
5 mM	0.6057 mL	3.0284 mL	6.0568 mL
10 mM	0.3028 mL	1.5142 mL	3.0284 mL
50 mM	0.0606 mL	0.3028 mL	0.6057 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

Justin Jang Hann Chu, Regina Ching Hua Lee, Melgious Jin Yan Ang, et al. Antiviral activities of 15 dengue NS2B-NS3 protease inhibitors using a human cell-based viral quantification assay. *Antiviral Res.* 2015 Jun;118:68-74. doi: 10.1016/j.antiviral.2015.03.010. Epub 2015 Mar 27.

Constant D A, Mateo R, Nagamine C M, et al. Targeting intramolecular proteinase NS2B/3 cleavages for trans - dominant inhibition of dengue virus[J]. *Proceedings of the National Academy of Sciences*, 2018, 115(40): 201805195.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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