

UK-88947 HCl

Chemical Properties

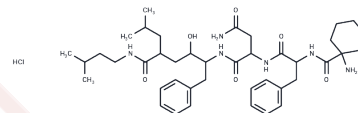
CAS No. : 137015-76-0

Formula: C₄₁H₆₃ClN₆O₆

Molecular Weight: 771.44

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	UK 88947 is a protease inhibitor.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2963 mL	6.4814 mL	12.9628 mL
5 mM	0.2593 mL	1.2963 mL	2.5926 mL
10 mM	0.1296 mL	0.6481 mL	1.2963 mL
50 mM	0.0259 mL	0.1296 mL	0.2593 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

Nagy K, Young M, Baboonian C, Merson J, Whittle P, Oroszlan S. Antiviral activity of human immunodeficiency virus type 1 protease inhibitors in a single cycle of infection: evidence for a role of protease in the early phase. *J Virol.* 1994 Feb;68(2):757-65. PubMed PMID: 8289379; PubMed Central PMCID: PMC236512.

Baboonian C, Dalgleish A, Bountiff L, Gross J, Oroszlan S, Rickett G, Smith-Burchnell C, Troke P, Merson J. HIV-1 proteinase is required for synthesis of pro-viral DNA. *Biochem Biophys Res Commun.* 1991 Aug 30;179(1):17-24. Erratum in: *Biochem Biophys Res Commun* 1992 Sep 16;187(2):1200. PubMed PMID: 1652947.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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