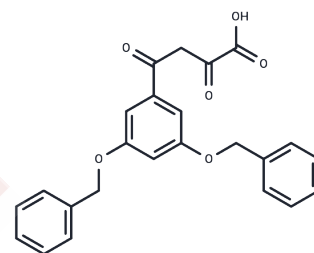


L-708906

Chemical Properties

CAS No. : 251963-74-3
 Formula: C₂₄H₂₀O₆
 Molecular Weight: 404.41
 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	L-708906 is the Human Immunodeficiency Virus Type 1 inhibitor.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4727 mL	12.3637 mL	24.7274 mL
5 mM	0.4945 mL	2.4727 mL	4.9455 mL
10 mM	0.2473 mL	1.2364 mL	2.4727 mL
50 mM	0.0495 mL	0.2473 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

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- Barreca ML, Iraci N, De Luca L, Chimirri A. Induced-fit docking approach provides insight into the binding mode and mechanism of action of HIV-1 integrase inhibitors. *ChemMedChem*. 2009 Sep;4(9):1446-56. doi: 10.1002/cmdc.200900166. PubMed PMID: 19544345.
- Chi G, Nair V, Semenova E, Pommier Y. A novel diketo phosphonic acid that exhibits specific, strand-transfer inhibition of HIV integrase and anti-HIV activity. *Bioorg Med Chem Lett*. 2007 Mar 1;17(5):1266-9. Epub 2006 Dec 15. PubMed PMID: 17188872; PubMed Central PMCID: PMC1839884.
- Johnson AA, Marchand C, Pommier Y. HIV-1 integrase inhibitors: a decade of research and two drugs in clinical trial. *Curr Top Med Chem*. 2004;4(10):1059-77. Review. PubMed PMID: 15193139.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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