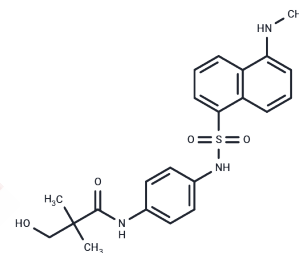


BAY-43-9695

Chemical Properties

CAS No. : 233255-39-5
 Formula: C₂₂H₂₅N₃O₄S
 Molecular Weight: 427.52
 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	BAY-43-9695 is a non-nucleoside compound with anti-human cytomegalovirus (HCMV) activity. It is the major metabolite of BAY-38-4766.
Targets(IC50)	HCV Protease,Virus Protease

Solubility Information

Solubility	DMSO: 4.28 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3391 mL	11.6954 mL	23.3907 mL
5 mM	0.4678 mL	2.3391 mL	4.6781 mL
10 mM	0.2339 mL	1.1695 mL	2.3391 mL
50 mM	0.0468 mL	0.2339 mL	0.4678 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

McSharry JJ, et al. Susceptibilities of human cytomegalovirus clinical isolates to BAY38-4766, BAY43-9695, and ganciclovir. *Antimicrob Agents Chemother.* 2001;45(10):2925-2927.

Keywan K, et al. The antiviral activity exerted by vaccinia virus on the growth of herpes simplex virus in BS-C-1 cells. *Antiviral Res.* 2000;46(2):145-155.

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