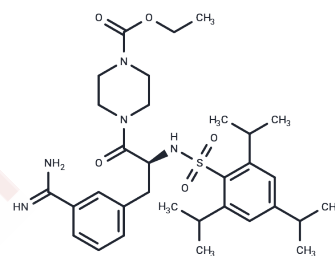


UKI-1

Chemical Properties

CAS No. : 220355-63-5
 Formula: C₃₂H₄₇N₅O₅S
 Molecular Weight: 613.81
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	UKI-1 is a urokinase-type plasminogen activator system synthetic inhibitor.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 28 mg/mL (45.62 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	1.6292 mL	8.1458 mL	16.2917 mL
5 mM	0.3258 mL	1.6292 mL	3.2583 mL
10 mM	0.1629 mL	0.8146 mL	1.6292 mL
50 mM	0.0326 mL	0.1629 mL	0.3258 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.

Reference

Ertongur S et al. Inhibition of the invasion capacity of carcinoma cells by WX-UK1, a novel synthetic inhibitor of the urokinase-type plasminogen activator system. *Int J Cancer*. 2004 Jul 20;110(6):815-24.
 Ewa Zeslowska et al. Crystals of the urokinase type plasminogen activator variant β c-uPA in complex with small molecule inhibitors open the way towards structure-based drug design. *J Mol Biol*. 2000 Aug 11;301(2):465-75.

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