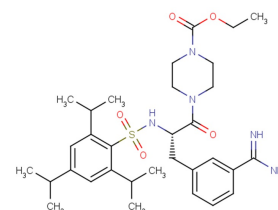


UKI-1

Chemical Properties

CAS No.:	220355-63-5
Formula:	C ₃₂ H ₄₇ N ₅ O ₅ S
Molecular Weight:	613.81
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	UKI-1 is a urokinase-type plasminogen activator system synthetic inhibitor.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 28 mg/mL (45.62 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.629 mL	8.146 mL	16.292 mL
5 mM	0.326 mL	1.629 mL	3.258 mL
10 mM	0.163 mL	0.815 mL	1.629 mL
50 mM	0.033 mL	0.163 mL	0.326 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.
2. Ewa Zeslawska 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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