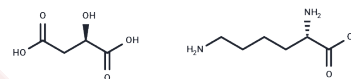


L-Lysine (S)-maleate

Chemical Properties

CAS No. :	71555-10-7
Formula:	C10H20N2O7
Molecular Weight:	280.277
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-Lysine (S)-maleate is used in the preparation of amino acid ionic liquids in the food and medical field.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5679 mL	17.8393 mL	35.6786 mL
5 mM	0.7136 mL	3.5679 mL	7.1357 mL
10 mM	0.3568 mL	1.7839 mL	3.5679 mL
50 mM	0.0714 mL	0.3568 mL	0.7136 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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- Maćkowiak M, Guzik R, Dudys D, Bator E, Wędzony K. MK-801, a NMDA receptor antagonist, increases phosphorylation of histone H3 in the rat medial prefrontal cortex. *Pharmacol Rep.* 2013;65(5):1112-23. PubMed PMID: 24399707.
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