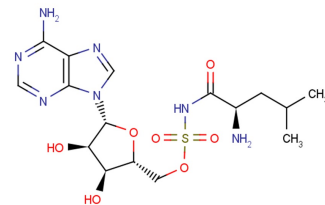


Data Sheet (Cat.No.T11841)

Leu-AMS R enantiomer

Chemical Properties

CAS No.:	T11841
Formula:	C ₁₆ H ₂₅ N ₇ O ₇ S
Molecular Weight:	459.48
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Leu-AMS R enantiomer is the R enantiomer of Leu-AMS. Leu-AMS is a potent inhibitor of leucyl-tRNA synthetase (LRS) and inhibits the growth of bacteria.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 50.5 mg/mL (109.91 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.176 mL	10.882 mL	21.764 mL
5 mM	0.435 mL	2.176 mL	4.353 mL
10 mM	0.218 mL	1.088 mL	2.176 mL
50 mM	0.044 mL	0.218 mL	0.435 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.

Inhibitors · Natural Compounds · Compound Libraries

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