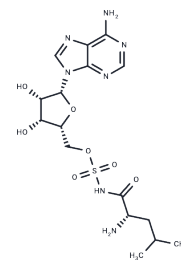


Leu-AMS R enantiomer

Chemical Properties

CAS No. :	2580391-91-7
Formula:	C ₁₆ H ₂₅ N ₇ O ₇ S
Molecular Weight:	459.48
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Leu-AMS (R enantiomer) is the R enantiomer of Leu-AMS, a potent leucyl-tRNA synthetase (LRS) inhibitor that inhibits bacterial growth.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50.5 mg/mL (109.91 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1764 mL	10.8819 mL	21.7637 mL
5 mM	0.4353 mL	2.1764 mL	4.3527 mL
10 mM	0.2176 mL	1.0882 mL	2.1764 mL
50 mM	0.0435 mL	0.2176 mL	0.4353 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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