
Product Data Sheet

Product Name: Leu-AMS R enantiomer

Cat. No.: GC34358

Chemical Properties

Cas. No.

SMILES O[C@@H]1[C@@H](COS(NC([C@H](N)CC(C)C)=O)(=O)=O)[C@@H](N2C(N=CN=C3N)=C3N=C2)[C@@H]1O

Formula $C_{16}H_{25}N_7O_7S$ M.Wt 459.48

Solubility DMSO : 50.5 mg/mL (109.91 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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