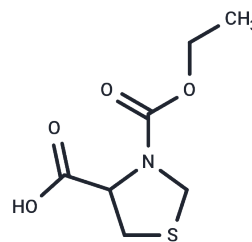


(Rac)-Telmesteine

Chemical Properties

CAS No. :	127657-29-8
Formula:	C7H11NO4S
Molecular Weight:	205.23
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(Rac)-Telmesteine (3,4-Thiazolidinedicarboxylic Acid 3-Ethyl Ester) is an inhibitor of protease and is thus a suitable enzyme stabilizer.
Targets(IC50)	Protease

Solubility Information

Solubility	DMSO: 225 mg/mL (1096.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8726 mL	24.3629 mL	48.7258 mL
5 mM	0.9745 mL	4.8726 mL	9.7452 mL
10 mM	0.4873 mL	2.4363 mL	4.8726 mL
50 mM	0.0975 mL	0.4873 mL	0.9745 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.

Reference

Timothy O'connell, et al. Enzyme stabilizers. WO2017220302A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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