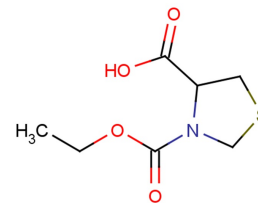


(Rac)-Telmesteine

Chemical Properties

CAS No.:	127657-29-8
Formula:	C ₇ H ₁₁ NO ₄ S
Molecular Weight:	205.23
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	(Rac)-Telmesteine is an inhibitor of protease and is thus a suitable enzyme stabilizer.
Targets(IC ₅₀)	Protease: None

Solubility Information

Solubility	DMSO: 250 mg/mL (1218.15 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.873 mL	24.363 mL	48.726 mL
5 mM	0.975 mL	4.873 mL	9.745 mL
10 mM	0.487 mL	2.436 mL	4.873 mL
50 mM	0.097 mL	0.487 mL	0.975 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.

Reference

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

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