

## N-(beta-Ketocaproyl)-L-hoMoserine lactone

## Chemical Properties

CAS No.:	143537-62-6
Formula:	C <sub>10</sub> H <sub>15</sub> NO <sub>4</sub>
Molecular Weight:	213.23
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	N-(beta-ketocaproyl)-L-Homoserine lactone is a component of quorum regulatory sensing and an autoinducer of <i>P. fischeri</i> luciferase.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.690 mL	23.449 mL	46.898 mL
5 mM	0.938 mL	4.690 mL	9.380 mL
10 mM	0.469 mL	2.345 mL	4.690 mL
50 mM	0.094 mL	0.469 mL	0.938 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

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

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481