

N-(3-Oxotetradecanoyl)-DL-homoserine lactone Biochemical

N-(3-Oxotetradecanoyl)-DL-homoserine lactone

CATALOG #
AAA228739

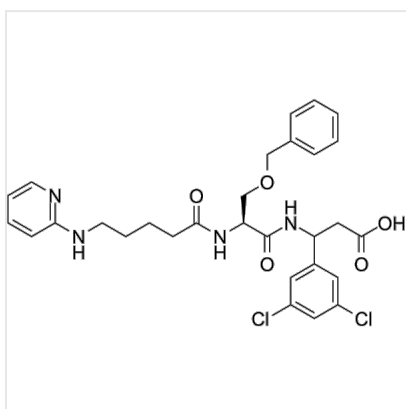
PRODUCT SYNONYMS

N-(3-Oxotetradecanoyl)-DL-homoserine lactone; N-(3-Oxotetradecanoyl)-DL-homoserine lactone biochemical

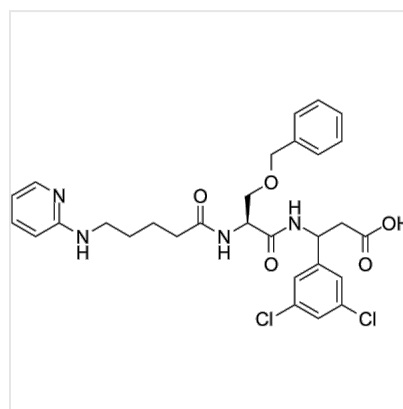
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	503610-29-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
EMD527040, CAS 851333-14-7



Structure
EMD527040, CAS 851333-14-7

ADDITIONAL INFORMATION

Related Product Information for N-(3-Oxotetradecanoyl)-DL-homoserine lactone biochemical	N-(3-Oxotetradecanoyl)-DL-homoserine lactone, a member of N-Acyl homoserine lactone (AHL) from gram-negative bacteria, is a quorum sensing (QS) signaling molecule.
References	- Eleonora Patsenker, et al. Inhibition of integrin alphavbeta6 on cholangiocytes blocks transforming growth factor-beta activation and retards biliary fibrosis progression. Gastroenterology. 2008 Aug;135(2):660-70. - Yury Popov, et al. Integrin alphavbeta6 is a marker of the progression of biliary and portal liver fibrosis and a novel target for antifibrotic therapies. J Hepatol

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.