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## Product Datasheet

### **N-3-Oxo-octanoyl-L-homoserine lactone, CAS [[147795-39-9]] BYT-ORB1303127**

Article Name	N-3-Oxo-octanoyl-L-homoserine lactone, CAS [[147795-39-9]]
Biozol Catalog Number	BYT-ORB1303127
Supplier Catalog Number	orb1303127
Alternative Catalog Number	BYT-ORB1303127-1, BYT-ORB1303127-10, BYT-ORB1303127-100, BYT-ORB1303127-25, BYT-ORB1303127-5, BYT-ORB1303127-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	N-3-Oxo-octanoyl-L-homoserine lactone (3-oxo-C8-HSL) is a key autoinducer in the quorum-sensing system of Agrobacterium species. It is widely used in research to study bacterial communication, virulence, and biofilm formation in both in vitro assays ...
Molecular Weight	241.28
Purity	99.57% (May vary between batches)
CAS Number	[147795-39-9]
Formula	C <sub>12</sub> H <sub>19</sub> NO <sub>4</sub>
Target	Others
Application Notes	Solubility: DMSO:27.5 mg/mL (113.98 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (8.29 mM)