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## Product Datasheet

### **N-3-oxo-dodecanoyl-L-Homoserine lactone, CAS [[168982-69-2]] TGM-T21633**

Article Name	N-3-oxo-dodecanoyl-L-Homoserine lactone, CAS [[168982-69-2]]
Biozol Catalog Number	TGM-T21633
Supplier Catalog Number	T21633
Alternative Catalog Number	TGM-T21633-1MG, TGM-T21633-5MG, TGM-T21633-10MG, TGM-T21633-25MG, TGM-T21633-50MG
Manufacturer	TargetMol
Category	Biochemikalien
Product Description	N-3-oxo-dodecanoyl-L-Homoserine lactone (3-oxo-C12-HSL), a quorum-sensing signaling molecule synthesized by <i>P. aeruginosa</i> and specific <i>B. cepacia</i> complex strains [1][2], facilitates bacterial gene expression modulation in response to cell density esc...
Molecular Weight	297.39
CAS Number	[168982-69-2]
Formula	C16H27NO4
Target	Others   ERK   Caspase   ROS   Apoptosis   NF-kappaB   Antibacterial