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Product Datasheet

N-3-oxo-dodecanoyl-L-homoserine lactone, CAS [[168982-69-2]] MCE-HY-114544A

Article Name	N-3-oxo-dodecanoyl-L-homoserine lactone, CAS [[168982-69-2]]
Biozol Catalog Number	MCE-HY-114544A
Supplier Catalog Number	HY-114544A
Alternative Catalog Number	MCE-HY-114544A-5MG,MCE-HY-114544A-10MMX1ML,MCE-HY-114544A-100MG,MCE-HY-114544A-50MG,MCE-HY-114544A-25MG,MCE-HY-114544A-10MG
Manufacturer	MedchemExpress
Category	Biochemikalien
Product Description	N-3-oxo-dodecanoyl-L-Homoserine lactone (3-oxo-C12-HSL) is a bacterial quorum-sensing signaling molecule produced by <i>P. aeruginosa</i> and strains of the <i>B. cepacia</i> complex[1][2].Quorum sensing is a regulatory system used by bacteria for controlling gene...
Molecular Weight	297.39
Purity	99.88
CAS Number	[168982-69-2]
Formula	C16H27NO4
Target	Apoptosis,Bacterial,Caspase,ERK,NF-kappaB,Reactive Oxygen Species (ROS)
Application Notes	MCE Product type: Reference compound