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Product Datasheet

Muscone, CAS [[541-91-3]]

FBM-10-2757

Article Name	Muscone, CAS [[541-91-3]]
Biozol Catalog Number	FBM-10-2757
Supplier Catalog Number	10-2757
Alternative Catalog Number	FBM-10-2757-100MG, FBM-10-2757-500MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cardioprotective and neuroprotective agent...
Molecular Weight	238.42
Purity	>98% by TLC, NMR (Conforms)
Form	Colorless oil
CAS Number	[541-91-3]
Formula	C16H30O
Application Notes	Muscone (541-91-3) is a macrocyclic ketone found naturally in a glandular secretion of the musk deer which acts at human odorant receptor OR5AN1 and is used in perfumes. ¹ It suppresses inflammatory responses and neuronal damage in various models including a rat model of cervical spondylotic myelopathy ² and relieves inflammatory pain acting via the NOX4/JAK2-STAT3 and NLRP3 inflammasome pathway ³ . In the cardiovascular system it alleviates myocardial ischemia-reperfusion injury ⁴ and improves cardiac function in mice after myocardial infarction ⁵ via enhancement of angiogenesis ⁶ .