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Product Datasheet

Muscone, CAS [[541-91-3]]
FBM-10-2757

Artikelname	Muscone, CAS [[541-91-3]]
Artikelnummer	FBM-10-2757
Hersteller Artikelnummer	10-2757
Alternativnummer	FBM-10-2757-100MG,FBM-10-2757-500MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Cardioprotective and neuroprotective agent...
Molekulargewicht	238.42
Reinheit	>98% by TLC, NMR (Conforms)
Formulierung	Colorless oil
CAS Nummer	[541-91-3]
Formel	C16H30O
Anwendungsbeschreibung	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 myelopathy² and relieves inflammatory pain acting via the NOX4/JAK2-STAT3 and NLRP3 inflammasome pathway³. In the cardiovascular system it alleviates myocardial ischemia-reperfusion injury⁴ and improves cardiac function in mice after myocardial infarction⁵ via enhancement of angiogenesis⁶.