

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

Product Datasheet

Gramicidin A, CAS [[11029-61-1]] FBM-10-3556

Artikelname	Gramicidin A, CAS [[11029-61-1]]
Artikelnummer	FBM-10-3556
Hersteller Artikelnummer	10-3556
Alternativnummer	FBM-10-3556-1MG,FBM-10-3556-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Channel-forming ionophore...
Molekulargewicht	1882.29
Reinheit	>95% by HPLC, NMR (conforms)
Formulierung	White to off-white solid
CAS Nummer	[11029-61-1]
Formel	C99H140N20O17
Anwendungsbeschreibung	Gramicidin A (11029-61-1) is a hydrophilic non-ribosomal peptide ionophore that forms channels in membranes which are monovalent cation-permeable. ^{1,2} Disruption of cellular ionic homeostasis is the basis for its antibiotic activity. ³ It is also cytotoxic to a variety of cancer cell lines ⁴ and tumor xenografts ⁵ . Gramicidin A was shown to stimulate melanoma differentiation-associated protein 5 (MDA5)-mediated IFN signaling by enhancing its oligomerization onto RNA and thus represents a new tool to manipulate MDA5 activity. ⁶