

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

Product Datasheet

Ionomycin, CAS [[56092-81-0]] FBM-10-2079

Artikelname	Ionomycin, CAS [[56092-81-0]]
Artikelnummer	FBM-10-2079
Hersteller Artikelnummer	10-2079
Alternativnummer	FBM-10-2079-1MG,FBM-10-2079-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Calcium ionophore...
Molekulargewicht	709.01
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Yellow oil or waxy solid
CAS Nummer	[56092-81-0]
Formel	C ₄₁ H ₇₂ O ₉
Anwendungsbeschreibung	Highly selective nonfluorescent calcium (Ca ²⁺) ionophore. ¹ Induces a rapid rise in cytosolic Ca ²⁺ in human neutrophils which is due to both release from cytosolic Ca ²⁺ stores as well as Ca ²⁺ influx. ² It activates (2 µM) and primes (20-200 nM) neutrophil NADPH oxidase ² . Down regulates beta-catenin/Tcf signaling in a colon cancer cell line via suppressing the binding of Tcf to its specific DNA-binding site. ³ In rat hepatoma cells, sub-lethal ionomycin activates the stress response by activating SAPK/JNK and HSF/HSE interaction leading to upregulation of HSP70 biosynthesis. ⁴