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Product Datasheet

2E151, CAS [[2416963-37-4]] FBM-10-4145

Article Name	2E151, CAS [[2416963-37-4]]
Biozol Catalog Number	FBM-10-4145
Supplier Catalog Number	10-4145
Alternative Catalog Number	FBM-10-4145-10MG,FBM-10-4145-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Vaccine co-adjuvant...
Molecular Weight	497.67
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[2416963-37-4]
Formula	C ₂₆ H ₃₁ N ₃ O ₃ S ₂
Application Notes	Vaccine adjuvants are materials that enhance the magnitude and duration of protective immune responses, typically via pattern recognition receptors (PRR). 2E151 is a co-adjuvant that increases the potency of toll-like receptor (TLR) adjuvants and overall enhances T cell stimulation/proliferation and cytokine production. ¹ It increases intracellular Ca ²⁺ via extracellular Ca ²⁺ influx, leading to NF-κB activation (EC ₅₀ = 0.9 μM) ² via IKK/MAPK phosphorylation and NFAT translocation in B cells and monocytes.