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Product Datasheet

Motolimod, CAS [[926927-61-9]]
FBM-10-4920

Artikelname	Motolimod, CAS [[926927-61-9]]
Artikelnummer	FBM-10-4920
Hersteller Artikelnummer	10-4920
Alternativnummer	FBM-10-4920-5MG,FBM-10-4920-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	TLR8 agonist...
Molekulargewicht	458.61
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Off-white or pale yellow solid
CAS Nummer	[926927-61-9]
Formel	C ₂₈ H ₃₄ N ₄ O ₂
Anwendungsbeschreibung	<p>Motolimod (926927-61-9) is a selective Toll-like receptor 8 (TLR8) agonist (EC₅₀ = 100 nM). It stimulates the production of TNFalpha and IL-12 from monocytes and myeloid dendritic cells. Motolimod also stimulated IFNgamma production from NK cells and increased their toxicity against K562 and ADCC by rituximab and trastuzumab.^{1,2} It induced apoptosis in monocytic myeloid-derived suppressor cells.³ Motolimod is being investigated in combination with other cancer immunotherapies.^{4,5} Motolimod has also been shown to induce secreted IL-1b and IL-8 via activation of the NLRP3 inflammasome.⁶</p>