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Product Datasheet

Imiquimod, CAS [[99011-02-6]] FBM-10-4230

Article Name	Imiquimod, CAS [[99011-02-6]]
Biozol Catalog Number	FBM-10-4230
Supplier Catalog Number	10-4230
Alternative Catalog Number	FBM-10-4230-50MG, FBM-10-4230-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TLR7 agonist...
Molecular Weight	240.30
Purity	98% by TLC NMR Conforms
Form	White solid
CAS Number	[99011-02-6]
Formula	C14H14N4
Application Notes	Imiquimod is a Toll-like receptor 7/8 agonist with anti-viral and anti-tumor properties. ¹ Enhances innate immune system leading to Th1-mediated antitumor immune response. ² Increases levels of IFNa, TNFa, and IL-12. Imiquimod has also been shown to act as an antagonist at adenosine A1 and A2A receptors augmenting its proinflammatory effects. ^{3,4} Clinically useful for the treatment of basal cell carcinoma, actinic keratosis, and genital warts. Imiquimod also upregulates the expression of opioid growth factor receptor(OGFr). ^{5,6} OGF is involved in regulation of inhibitory kinases in the cell cycle process.