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Product Datasheet

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

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| 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 IFN α , TNF α , 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. |