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## Product Datasheet

### Resiquimod, CAS [[144875-48-9]] FBM-10-2733

Article Name	Resiquimod, CAS [[144875-48-9]]
Biozol Catalog Number	FBM-10-2733
Supplier Catalog Number	10-2733
Alternative Catalog Number	FBM-10-2733-10MG, FBM-10-2733-50MG, FBM-10-2733-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TLR7/8 agonist / Immune adjuvant...
Molecular Weight	314-38
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[144875-48-9]
Formula	C17H22N4O2
Application Notes	A Toll-like receptor 7/8 agonist. <sup>1</sup> May be used as an immune adjuvant in cancer vaccines. <sup>2</sup> Resiquimod-carrying synthetic vaccine particles augment the immune response to encapsulated antigen and exhibit strong local immune activation without inducing systemic cytokine release. <sup>3</sup> Topical treatment of wild-type mice induces systemic autoimmune disease which may be used as a model of systemic Lupus erythematosus. <sup>4</sup>