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Product Datasheet

Dexamethasone, CAS [[50-02-2]]

FBM-10-1134

Article Name	Dexamethasone, CAS [[50-02-2]]
Biozol Catalog Number	FBM-10-1134
Supplier Catalog Number	10-1134
Alternative Catalog Number	FBM-10-1134-1G, FBM-10-1134-5G, FBM-10-1134-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Apoptosis inducing glucocorticoid...
Molecular Weight	392.46
Purity	98% NMR conforms
Form	White solid
CAS Number	[50-02-2]
Formula	C22H29FO5
Application Notes	A synthetic anti-inflammatory glucocorticoid. Induces apoptosis in a variety of cell types ^{1,2} . It inhibits proliferation of A549 human lung adenocarcinoma cells and induces cell surface expression of lipocortin-1 ³ . Induces osteogenic differentiation of human mesenchymal stem cells ⁴ . Induces indoleamine-2,3-dioxygenase (IDO) and exerts IDO-dependent protection in a model of allergic airway inflammation ⁵ . Resets and synchronizes circadian clock in cultured cells ⁶ .