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Product Datasheet

Retinoic acid, CAS [[302-79-4]] FBM-10-1138

Article Name	Retinoic acid, CAS [[302-79-4]]
Biozol Catalog Number	FBM-10-1138
Supplier Catalog Number	10-1138
Alternative Catalog Number	FBM-10-1138-50MG, FBM-10-1138-500MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Retinoid RAR agonist...
Molecular Weight	300.44
Purity	98% NMR Conforms
Form	Yellow solid
CAS Number	[302-79-4]
Formula	C ₂₀ H ₂₈ O ₂
Application Notes	All-trans-Retinoic acid (ATRA, a metabolite of Vitamin A) is an endogenous ligand for the retinoic acid receptor (RAR). The binding of retinoic acid to the RAR and retinoid X (RXR) heterodimer causes conformation changes in RAR that affects the binding of other proteins that regulate the growth and differentiation of a variety of both normal and malignant cells. ¹ ATRA promotes differentiation of embryonic stem cells (ESCs) into a variety of cell types in vitro. ²⁻⁴