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Product Datasheet

AM-80, CAS [[94497-51-5]]

FBM-10-2534

Article Name	AM-80, CAS [[94497-51-5]]
Biozol Catalog Number	FBM-10-2534
Supplier Catalog Number	10-2534
Alternative Catalog Number	FBM-10-2534-10MG,FBM-10-2534-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective RARa agonist...
Molecular Weight	351.45
Purity	>98% HPLC, NMR (Conforms)
Form	White solid
CAS Number	[94497-51-5]
Formula	C22H25NO3

Application Notes	AM80 (94497-51-5) is a retinoic acid receptor alpha (RARalpha) agonist that induces differentiation (ED50 = 0.79 nM) and apoptosis of HL-60 cells.1 Exhibits antiproliferative effects against a variety of human tumor cells lines (mean values of 35, 40 and 60% growth inhibition at 0.1, 1 and 10 μM respectively).2 It ameliorates chronic graft-versus-host disease by down-regulating Th1 and Th17.3 AM80 induces neuronal differentiation in a human neuroblastoma NH-12 cell line.4 Pulmonary administration of AM80 regenerates collapsed alveoli.5