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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 RAR $\alpha$ agonist...
Molecular Weight	351.45
Purity	>98% HPLC, NMR (Conforms)
Form	White solid
CAS Number	[94497-51-5]
Formula	C <sub>22</sub> H <sub>25</sub> NO <sub>3</sub>
Application Notes	AM80 (94497-51-5) is a retinoic acid receptor alpha (RAR $\alpha$ ) agonist that induces differentiation (ED <sub>50</sub> = 0.79 nM) and apoptosis of HL-60 cells. <sup>1</sup> Exhibits antiproliferative effects against a variety of human tumor cell lines (mean values of 35, 40 and 60% growth inhibition at 0.1, 1 and 10 $\mu$ M respectively). <sup>2</sup> It ameliorates chronic graft-versus-host disease by down-regulating Th1 and Th17. <sup>3</sup> AM80 induces neuronal differentiation in a human neuroblastoma NH-12 cell line. <sup>4</sup> Pulmonary administration of AM80 regenerates collapsed alveoli. <sup>5</sup>