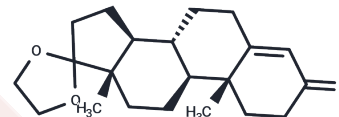


17,17-(Ethylenedioxy)androst-4-en-3-one

Chemical Properties

CAS No. :	1044-89-9
Formula:	C ₂₁ H ₃₀ O ₃
Molecular Weight:	330.46
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	17,17-(Ethylenedioxy)androst-4-en-3-one (4-androstene-3,17-dione-17-cyclic ethylene ketal) is an effective ingredient in cosmetics, utilized in acne treatment and hair growth research. It inhibits reductase activity and prevents the binding of a receptor protein with 5 α -DHT.
Targets(IC50)	Others,Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0261 mL	15.1304 mL	30.2608 mL
5 mM	0.6052 mL	3.0261 mL	6.0522 mL
10 mM	0.3026 mL	1.513 mL	3.0261 mL
50 mM	0.0605 mL	0.3026 mL	0.6052 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Atsushi Kino, et al. Cosmetic. JP60136505A.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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