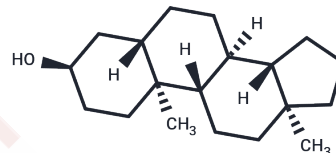


5 α -Androstan-3 α -ol

Chemical Properties

CAS No. :	7657-50-3
Formula:	C ₁₉ H ₃₂ O
Molecular Weight:	276.46
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	5 α -Androstan-3 α -ol is a γ -aminobutyric acid (GABA) receptor agonist. It inhibits the transcriptional activity of the orphan nuclear receptor CAR (constitutive androstane receptor). By binding to CAR and promoting its dissociation from coactivator proteins, 5 α -Androstan-3 α -ol negatively regulates CAR's activity. This compound is useful for studying hormone metabolism and drug detoxification mechanisms mediated by nuclear receptors.
Targets(IC50)	Others,GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6172 mL	18.0858 mL	36.1716 mL
5 mM	0.7234 mL	3.6172 mL	7.2343 mL
10 mM	0.3617 mL	1.8086 mL	3.6172 mL
50 mM	0.0723 mL	0.3617 mL	0.7234 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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