

4-Androsten-11 β -ol-3,17-dione-D7

Chemical Properties

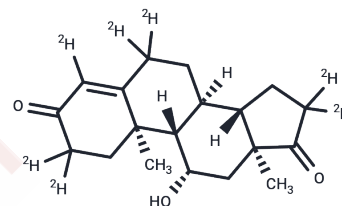
CAS No. :

Formula: C₁₉H₁₉D₇O₃

Molecular Weight: 309.45

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	4-Androsten-11 β -ol-3,17-dione-D7 is a deuterated compound of 4-Androsten-11 β -ol-3,17-dione. 4-Androsten-11 β -ol-3,17-dione (T14001) has a CAS number of 382-44-5. 11-Beta-hydroxyandrostenedione is a steroid mainly found in the adrenal origin (11 β -hydroxylase is present in adrenal tissue, but absent in ovarian tissue), which is a 11 β -hydroxysteroid dehydrogenase isozymes inhibitor. Measuring plasma 11-Beta-hydroxyandrostenedione can distinguish the adrenal or ovarian origin of hyperandrogenism with 4-androstenedione increases.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2315 mL	16.1577 mL	32.3154 mL
5 mM	0.6463 mL	3.2315 mL	6.4631 mL
10 mM	0.3232 mL	1.6158 mL	3.2315 mL
50 mM	0.0646 mL	0.3232 mL	0.6463 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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