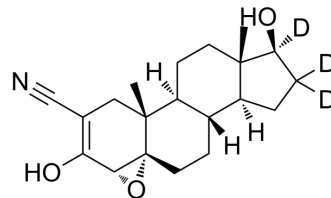


Trilostane-d₃

Cat. No.:	HY-14281S
Molecular Formula:	C ₂₀ H ₂₄ D ₃ NO ₃
Molecular Weight:	332.45
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Trilostane-d₃ is the deuterium-labeled Trilostane (HY-14281). Trilostane-d₃ (Win 24540) is a competitive and orally active 3-β-hydroxysteroiddehydrogenase (3β-HSD) inhibitor. Trilostane-d₃ is a synthetic nonhormonal steroid. Trilostane-d₃ can be used for the research of breast cancer and prostate cancer^{[1][2]}.

In Vitro

Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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