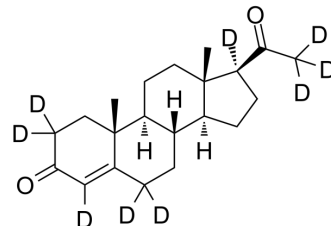


Progesterone-d₉

Cat. No.:	HY-N0437S		
CAS No.:	15775-74-3		
Molecular Formula:	C ₂₁ H ₂₁ D ₉ O ₂		
Molecular Weight:	323.52		
Target:	Progesterone Receptor; Endogenous Metabolite		
Pathway:	Vitamin D Related/Nuclear Receptor; Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Progesterone-d₉ is the deuterium labeled Progesterone. Progesterone is a steroid hormone that regulates the menstrual cycle and is crucial for pregnancy.

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.

REFERENCES

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

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