

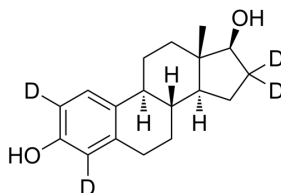
Estradiol-d₄

Cat. No.:	HY-B0141S1
CAS No.:	66789-03-5
Batch No.:	142070
Chemical Name:	Estra-1,3,5(10)-triene-2,4,16,16-d4-3,17-diol, (17β)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₈ H ₂₀ D ₄ O ₂		
Molecular Weight:	276.41		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.50%
Isotopic Enrichment:	D4=73.16%, D3= 22.2%, D2=4.5 %, D1=0.1%
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA