



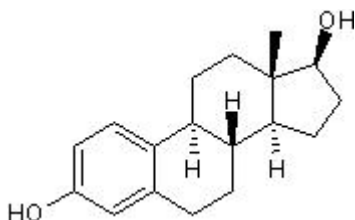
Certificate of analysis

Estradiol

URL for this product: <http://www.aasraw.com/product/Estradiol/>

Compound name	Estradiol
Batch number	AAS1708-22-6
Batch molecular formula	C ₁₈ H ₂₄ O ₂ ·½H ₂ O
Batch molecular weight	281.39
Cas	50-28-2

Batch Molecular Structure:



1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula:	C ₁₈ H ₂₄ O ₂ ·½H ₂ O
Batch Molecular Weight:	281.39
Physical Appearance:	White solid
Solubility:	DMSO to 100 mM ethanol to 75 mM
Storage:	Store at RT
Batch Molecular Structure:	

2. ANALYTICAL DATA

HPLC:	Shows 99.8% purity
¹ H NMR:	Consistent with structure
Mass Spectrum:	Consistent with structure
Optical Rotation:	[α] _D = +76.8 (Concentration = 1, Solvent = Dioxane)
Microanalysis:	
	Carbon Hydrogen Nitrogen
Theoretical	76.83 8.95
Found	76.72 9.12

All products are

"For research use only and are not intended for diagnostic or therapeutic use, not for use in humans"

<http://www.aasraw.com>