

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

Email USA: techserv@sial.com

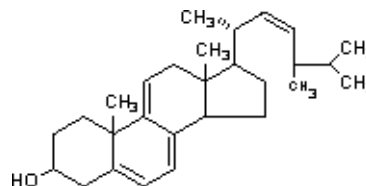
Outside USA: eurtechserv@sial.com

## Product Specification

Product Name:  
Ergosta-5,7,9(11),22-tetraen-3 $\beta$ -ol - ~96% (HPLC)

Product Number: **E2634**  
CAS Number: 516-85-8

Formula: C<sub>28</sub>H<sub>42</sub>O  
Formula Weight: 394.6 AMU



TEST	Specification
Appearance (Form)	Powder
Appearance (Colour)	White to Yellow
Solubility (Solvent)	Chloroform
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Yellow
Water (by Karl Fischer)	≤ 5.00 %
Elemental Anal. (%C anhydrous)	83.10 - 87.40 %
Purity (HPLC)	≥ 95.00 %
NMR (Solvent)	Acetone-d <sub>6</sub>
Identity by NMR	Consistent
UV (Solvent)	Methanol
UV (Lambda max)	324 - 328 nm
UV (EmM at Lambda max)	10.40 - 13.20
Specific Rotation (Solvent)	Chloroform
Specific Rotation (Conc)	1.80 - 2.20 mg/ml
Specific Rotation (Alpha D)	130.00 - 170.00 deg
Storage Conditions	Under Argon
Recommended Retest Period	-----
2 Years	

Specification: PRE.0.ZQ5.10000001195

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.