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Product Specification

Product Name:

 β -Estradiol-6-one 6-(O-carboxymethylloxime)

Product Number:

K2126

CAS Number:

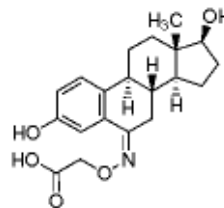
35048-47-6

Formula:

C₂₀H₂₅NO₅

Formula Weight:

359.42 g/mol



TEST

Specification

Appearance (Form)	Powder
Appearance (Colour)	White to White w/ Yellow Cast
Solubility (Solvent)	Ethanol
Solubility (Conc)	19.60 - 20.40 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Elemental Anal. (%C anhydrous)	66.32 - 67.32 %
Elemental Anal. (%N anhydrous)	3.49 - 4.29 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
Purity (TLC)	≥ 98.00 %
UV (Solvent)	Ethanol
UV (Lambda max 1)	310 - 314 nm
UV (EmM at Lambda max 1)	3.30 - 3.90
UV (Lambda max 2)	259 - 263 nm
UV (EmM at Lambda max 2)	9.90 - 11.10
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.10000001131

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.