

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)

Email USA: [techserv@sial.com](mailto:techserv@sial.com)

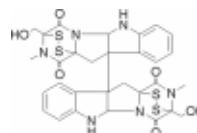
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## Product Specification

Product Name:  
Chaetocin from *Chaetomium minutum* - ≥95% (HPLC)

Product Number: **C9492**  
CAS Number: 28097-03-2

Formula: C<sub>30</sub>H<sub>28</sub>N<sub>6</sub>O<sub>6</sub>S<sub>4</sub>  
Formula Weight: 696.84 AMU



TEST	Specification
Appearance (Form)	Powder
Appearance (Colour)	White to Yellow
Solubility (Solvent)	Dimethylsulfoxide
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Yellow
Elemental Anal. (%C anhydrous)	51.00 - 52.40 %
Elemental Anal. (%N anhydrous)	11.60 - 12.60 %
NMR (Solvent)	DMSO-d <sub>6</sub>
Identity by NMR	Consistent
Purity (HPLC)	≥ 95.00 %
Specific Rotation (Solvent)	Dimethylsulfoxide
Specific Rotation (Conc)	0.90 - 1.10 mg/ml
Specific Rotation (Alpha D)	750.00 - 830.00 deg
Recommended Retest Period	-----
3 Years	

Specification: PRE.2.ZQ5.10000001964

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.