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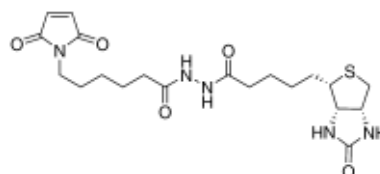
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## Product Specification

Product Name:  
Biotin-maleimide - ≥95% (TLC), powder

Product Number: **B1267**

Formula: C<sub>20</sub>H<sub>29</sub>N<sub>5</sub>O<sub>5</sub>S  
Formula Weight: 451.54 g/mol  
Storage Temperature: 2 - 8 °C



### TEST

### Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Turbidity)	Clear
20 mg/ml in acetic acid	
Solubility (Color)	Colorless to Yellow
20 mg/ml in acetic acid	
Solubility (Form)	Solution
20 mg/ml in acetic acid	
Water (by Karl Fischer)	≤ 5 %
IR Spectrum	Conforms to Structure
Purity (TLC)	≥ 95 %
Carbon (anhydrous)	51.5 - 54.5 %
Nitrogen (anhydrous)	15.0 - 16.0 %

Specification: PRD.0.ZQ5.10000023279

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](http://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.