

3050 Spruce Street, Saint Louis, MO 63103, USA

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Product Name:

1,3-Dimethyl-8-phenylxanthine crystalline

Product Number:

P2278

CAS Number:

961-45-5

MDL:

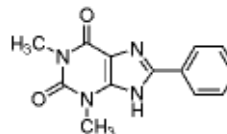
MFCD00005582

Formula:

C₁₃H₁₂N₄O₂

Formula Weight:

256.26 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Carbon	59.4- 62.4 %
Nitrogen	21.3- 22.4 %
Purity (HPLC)	≥98.0 %
Solubility (Turbidity) c = 50 mg/ml; 1N NaOH:Ethanol (1:3)	Clear
Solubility (Color)	Yellow

Remarks:

Specification Date : 10/04/2010

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.