

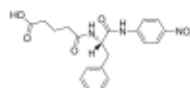
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Product Specification

Product Name:
N-Glutaryl-L-phenylalanine p-nitroanilide - protease substrate

Product Number: **G2505**
CAS Number: 5800-34-0
MDL: MFCD00038362
Formula: C₂₀H₂₁N₃O₆
Formula Weight: 399.40 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Carbon	58.6 - 61.6 %
Nitrogen	10.2 - 10.8 %
Specific Rotation	54.0 - 63.0 °
c = 1 in MeOH, at 25 deg C	
Purity (HPLC)	≥ 98 %
Solubility (Color)	Faint Yellow to Green
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, 1M NH ₄ OH in MeOH	

Specification: PRD.1.ZQ5.10000006638

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.