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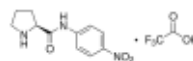
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## Product Specification

Product Name:  
L-Proline p-nitroanilide trifluoroacetate salt - prolyl aminopeptidase substrate

**Product Number:** P5267  
**CAS Number:** 108321-19-3  
**MDL:** MFCD00069671  
**Formula:** C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>·C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>  
**Formula Weight:** 349.26 g/mol  
**Storage Temperature:** 2 - 8 °C



### TEST

### Specification

Appearance (Color)	White to Yellow
Appearance (Form)	Powder
Solubility (Color)	Faint Yellow to Dark Yellow and Faint Green-Yellow to Dark
Green-Yellow	
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/ml, EtOH	
Carbon	43.8 - 45.6 %
Nitrogen	11.8 - 12.4 %
Infrared spectrum	Conforms to Structure
Purity (TLC)	≥ 99 %
Recommended Retest Period	-----
5 years	

Specification: PRD.3.ZQ5.10000014077

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.