

Analytical Data Sheet

Lot number **1064910**
not for drug use

Catalog number **L-1800.0250**
Product number **4017802.0250**
Product **H- Phe- Pro- Ala- pNA**
Molecular formula $C_{23}H_{27}N_5O_5$
Relative molecular mass 453.50

Tests	Results								
Appearance	off-white powder								
Appearance of solution	yellowish solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 60.92 %</td><td>C = 60.66 %</td></tr><tr><td>H = 6.00 %</td><td>H = 5.76 %</td></tr><tr><td>N = 15.44 %</td><td>N = 15.24 %</td></tr></tbody></table>	Theory	Found	C = 60.92 %	C = 60.66 %	H = 6.00 %	H = 5.76 %	N = 15.44 %	N = 15.24 %
Theory	Found								
C = 60.92 %	C = 60.66 %								
H = 6.00 %	H = 5.76 %								
N = 15.44 %	N = 15.24 %								
Identification (TLC)	complies with authentic material								
Melting point	172 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 32% 15/4/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								

Latest update: March 24, 2016

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