

## Analytical Data Sheet

Lot number **1061575**  
not for drug use

Catalog number **H-7464.1000**  
Product number **4090413.1000**  
Product **H- Pro- Pro- Asp- NH<sub>2</sub> trifluoroacetate salt**  
Molecular formula **C<sub>14</sub>H<sub>22</sub>N<sub>4</sub>O<sub>5</sub>**  
Relative molecular mass **326.35**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (ESI-MS)	m = 326.3u (average mass)
Purity (HPLC)	99.0% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
General comment	hygroscopic product

Latest update: September 25, 2015

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