

Analytical Data Sheet

Lot number

1032787

not for drug use

Catalog Number	H-3135.0050
Product number	4004348.0050
Product	H- Gln- Gly- Pro- OH · TFA
Molecular formula	$C_{12}H_{20}N_4O_5 \cdot C_2HF_3O_2$
Relative molecular mass	414.34

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/ml in water)
Identification (ESI-MS)	m = 300.2u (average mass)
Purity (HPLC)	97.7%
Purity (TLC)	≥ 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	69.2% (Nth 18.66 %, Nfd 12.91 %)
Latest update: September 28, 2010	Analytical Data Sheet Lot number 1032787