

Analytical Data Sheet

Lot number

1006574

not for drug use

Catalog Number	I-1210.0250
Product number	4002578.0250
Product	H- Gly- AMC hydrobromide salt
Molecular formula	C ₁₂ H ₁₂ N ₂ O ₃
Relative molecular mass	232.24

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, colorless solution (2.5 mg/ml in 80 % acetic acid)
Identification (ESI-MS)	m = 232.1 u (monoisotopic mass)
Identification (IR)	complies to reference spectrum
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
Related impurities (TLC)	≤ 0.1 % AMC
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	73.6% (Nth 12.06 %, Nfd 8.88 %)
Water content (KF volumetric)	0.7%
Bromide content (titration)	25.2%
Latest update: October 24, 2008	