

Analytical Data Sheet

Lot number

1008190

not for drug use

Catalog Number	I-1780.0250
Product number	4027975.0250
Product	H- Asp(OBzl) – AMC · HCl
Molecular formula	C ₂₁ H ₂₀ N ₂ O ₅ · HCl
Relative molecular mass	416.90

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in DMF)								
Identification (ESI-MS)	m = 380.5u								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 59.23 %</td> <td>C = 59.72 %</td> </tr> <tr> <td>H = 5.21 %</td> <td>H = 5.20 %</td> </tr> <tr> <td>N = 6.58 %</td> <td>N = 6.49 %</td> </tr> </table>	Theory	Found	C = 59.23 %	C = 59.72 %	H = 5.21 %	H = 5.20 %	N = 6.58 %	N = 6.49 %
Theory	Found								
C = 59.23 %	C = 59.72 %								
H = 5.21 %	H = 5.20 %								
N = 6.58 %	N = 6.49 %								
Melting point	210 ° C								
Purity (TLC)	≥ 98%								
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Water content (KF volumetric)	2.6%								
Chloride content (IC)	8.2% (AgNO ₃)								
Latest update: October 24, 2008									