

Analytical Data Sheet

Lot number

1025139

not for drug use

Catalog Number	A-1775.0005
Product number	4000662.0005
Product	Boc- His- OMe
Molecular formula	$C_{12}H_{19}N_3O_4$
Relative molecular mass	269.30

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, slightly yellowish solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 53.5 %</td> <td>C = 53.1 %</td> </tr> <tr> <td>H = 7.1 %</td> <td>H = 7.2 %</td> </tr> <tr> <td>N = 15.6 %</td> <td>N = 15.5 %</td> </tr> </table>	Theory	Found	C = 53.5 %	C = 53.1 %	H = 7.1 %	H = 7.2 %	N = 15.6 %	N = 15.5 %
Theory	Found								
C = 53.5 %	C = 53.1 %								
H = 7.1 %	H = 7.2 %								
N = 15.6 %	N = 15.5 %								
Identification (TLC)	conforms with authentic material								
Melting point	124 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 77.5/15/7.5 methylenchloride/methanol 9/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: July 06, 2009	Analytical Data Sheet Lot number 1025139								