

Analytical Data Sheet

Lot number

1040696

not for drug use

Catalog Number	E-2035.0025
Product number	4001062.0025
Product	H- Ile- OBzl · p- tosylate
Molecular formula	C ₁₃ H ₁₉ NO ₂ · C ₇ H ₈ O ₃ S
Relative molecular mass	393.50

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 61.05 %</td> <td>C = 60.72 %</td> </tr> <tr> <td>H = 6.92 %</td> <td>H = 6.95 %</td> </tr> <tr> <td>N = 3.56 %</td> <td>N = 3.51 %</td> </tr> </table>	Theory	Found	C = 61.05 %	C = 60.72 %	H = 6.92 %	H = 6.95 %	N = 3.56 %	N = 3.51 %
Theory	Found								
C = 61.05 %	C = 60.72 %								
H = 6.92 %	H = 6.95 %								
N = 3.56 %	N = 3.51 %								
Identification (TLC)	complies with authentic material								
Melting point	151 °C								
Purity (TLC)	> 99%								
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 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, TMB								
Assay (elemental analysis)	99.5% (Cth 61.05 %, Cfd 60.72 %)								
Latest update: January 23, 2012									