

## Analytical Data Sheet

Lot number **1000010699**  
not for drug use

Catalog number **F-3575.0001**  
Product number **4027456.0001**  
Product **H- D- Ile- OBzl · p- tosylate**  
Molecular formula  $C_{13}H_{19}NO_2 \cdot C_7H_8O_3S$   
Relative molecular mass 393.50

Tests	Results								
Appearance	white product (no visible impurities)								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 61.05 %</td><td>C = 60.79 %</td></tr><tr><td>H = 6.92 %</td><td>H = 6.80 %</td></tr><tr><td>N = 3.56 %</td><td>N = 3.70 %</td></tr></tbody></table> calc. as tosylate (43.76 %)	Theory	Found	C = 61.05 %	C = 60.79 %	H = 6.92 %	H = 6.80 %	N = 3.56 %	N = 3.70 %
Theory	Found								
C = 61.05 %	C = 60.79 %								
H = 6.92 %	H = 6.80 %								
N = 3.56 %	N = 3.70 %								
Specific optical rotation	$[\alpha]_D^{24} = -8.1^\circ$ (1 % in dimethylformamide)								
Purity (TLC)	> 98%								
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								

Latest update: January 15, 2019

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