

Analytical Data Sheet

Lot number **1071308**
not for drug use

Catalog number **F-2075.0250**
Product number **4010420.0250**
Product **H- Pra- OMe · HCl**
Molecular formula **C₆H₉NO₂ · HCl**
Relative molecular mass **163.60**

Tests	Results								
Appearance	white crystals								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 44.1 %</td> <td>C = 43.8 %</td> </tr> <tr> <td>H = 6.2 %</td> <td>H = 6.2 %</td> </tr> <tr> <td>N = 8.6 %</td> <td>N = 8.5 %</td> </tr> </tbody> </table>	Theory	Found	C = 44.1 %	C = 43.8 %	H = 6.2 %	H = 6.2 %	N = 8.6 %	N = 8.5 %
Theory	Found								
C = 44.1 %	C = 43.8 %								
H = 6.2 %	H = 6.2 %								
N = 8.6 %	N = 8.5 %								
Identification (TLC)	conforms with authentic material								
Melting point	114 °C								
Specific optical rotation	$[\alpha]_D^{24} = -6.5^\circ$ (1 % in MeOH)								
Purity (TLC)	> 99%								
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)	99.4% (Cth 44.05 %, Cfd 43.79 %)								
Chloride content (titration)	21.5%								

Latest update: April 24, 2017

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