

## Analytical Data Sheet

Lot number **1070981**  
not for drug use

Catalog number **E-1475.0025**  
Product number **4014110.0025**  
Product **Bz- His- OMe**  
Molecular formula  $C_{14}H_{15}N_3O_3$   
Relative molecular mass 273.29

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Melting point	160 °C
Specific optical rotation	$[\alpha]_D^{24} = -30.2^\circ$ (1 % MeOH)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/30/9/16.5 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.4% (Nth 15.38 %, Nfd 15.29 %)
Water content (KF volumetric)	1.1%

Latest update: April 03, 2017

**Analytical Data Sheet**  
Lot number **1070981**