

## Analytical Data Sheet

Lot number **1075810**  
not for drug use

Catalog number **A-3775.0250**  
Product number **4026054.0250**  
Product **Boc- Homoarg(Et)<sub>2</sub>- OH (symmetrical)  
hydrochloride salt**  
Molecular formula **C<sub>16</sub>H<sub>32</sub>N<sub>4</sub>O<sub>4</sub>**  
Relative molecular mass **344.46**

Tests	Results
Appearance	white crystalline powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.6% (TEAP)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	97.0% (Nth 16.27%, Nfd 15.08%)
Water content (KF volumetric)	1.4%
Chloride content (titration)	5.0%

Latest update: February 27, 2018

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