

Analytical Data Sheet

Lot number **1000016188**
not for drug use

Catalog number **A-3775.0050**
Product number **4026054.0050**
Product **Boc- Homoarg(Et)₂- OH (symmetrical)
hydrochloride salt**
Molecular formula **C₁₆H₃₂N₄O₄**
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 ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ 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: May 16, 2019

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