

Analytical Data Sheet

Lot number	1000021533 not for drug use
Catalog number	B-1040.0025
Product	Fmoc-Arg-OH
Product number	4003163.0025
Molecular formula (net)	C ₂₁ H ₂₄ N ₄ O ₄
Molecular mass (average)	396.5

Tests	Results
Components	
Appearance	
Color	white
Physical form	powder
Visible impurities	none
Appearance of solution	
Clarity	turbid
Color of solution	almost white
Visible impurities	none
Solvent and concentration	25 mg/mL in 80% acetic acid
Identification (TLC)	
R _f value	complies
Purity (HPLC)	
Purity	99.2%
CAT Enantiomer content (chiral chromatography)	
D-enantiomer	< 0.10% (LOQ)
Method	GC-MS (A.0.3.)
Purity and related impurities (TLC)	
Purity	> 99%
H-Arg-OH	< 0.5%
Assay (titration)	
Assay (titration, net)	97.3%

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BACHEM

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CAT Analysis performed by C.A.T. GmbH & Co Chromatographie und Analystechnik KG, Heerweg 10, 72070 Tübingen, Germany

This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

Date created: September 10, 2019