

Analytical Data Sheet

Lot number	1000048970 not for drug use
Catalog number	A-3565.0005
Product	Boc-Arg(Pbf)-OH
Product number	4019088.0005
Molecular formula (net)	C ₂₄ H ₃₈ N ₄ O ₇ S
Molecular mass (average)	526.7

Tests	Results
Components	
Appearance	
Appearance	complies [white powder]
Appearance of solution	
Appearance of solution	complies [clear, colorless solution in methanol (50 mg/mL)]
Appearance of solution	complies [essentially clear solution in DMF (0.5 mmol/mL)]
Identification (TLC)	
R _f value	complies [complies]
Purity and related impurities (TLC)	
Purity	> 99%
H-Arg(Pbf)-OH	< 0.2%
CAT Enantiomer content (chiral chromatography)	
D-enantiomer	< 0.05% (LOQ)
Assay (titration)	
Assay (titration, net)	91.4%
Water content (Karl Fischer volumetric)	
Water content	0.55%
Acetic acid content (IC)	
Acetic acid content	267 mg/kg

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

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

Date created: April 15, 2021