

Analytical Data Sheet

Lot number	1000025375 not for drug use
Product	Fmoc-pentafluoro-Phe-OH
Product number	4058829.2001
Molecular formula (net)	C ₂₄ H ₁₆ F ₉ NO ₄
Molecular mass (average)	477.4

Tests	Results
Components	
Appearance	
Color	white
Physical form	powder
Visible impurities	none
Appearance of solution	
Clarity	clear
Color of solution	colorless
Visible impurities	none
Solvent and concentration	50 mg/mL in methanol
Identification (MS)	
Monoisotopic mass	477.1 u
MS method	ESI-MS
Purity (HPLC)	
Purity	97.9%
CAT Enantiomer content (chiral chromatography)	
D-enantiomer	< 0.10% (LOQ)
Method	GC-MS (A.0.3.)
CAT Other amino acids (GC-MS)	
Other amino acids	< 0.20%
Assay (titration)	
Assay (titration, net)	98.4%
Water content (Karl Fischer volumetric)	
Water content	2.0%

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BACHEM

Lot number

1000025375

Product

Fmoc-pentafluoro-Phe-OH

Tests

Results

Components

Acetic acid content (IC)

Acetic acid content

78 mg/kg

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

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

Date created: November 27, 2019