

Analytical Data Sheet

Lot number

1050697

not for drug use

Catalog Number	B-2300.0005
Product number	4012085.0005
Product	Fmoc- Dab- OH
Molecular formula	$C_{19}H_{20}N_2O_4$
Relative molecular mass	340.38

Tests	Results
Appearance	slightly beige powder
Appearance of solution	clear, slightly yellowish solution (50mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.5% (TFA)
Related impurities (HPLC)	< 0.1% Fmoc- β -Ala-OH 0.1% Fmoc-Glu-OH
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	98.5% (HClO ₄)
Water content (KF volumetric)	3.1%
Latest update: October 31, 2013	