

Analytical Data Sheet

Lot number

1060473

not for drug use

Catalog number	B-2830.0005
Product number	4026385.0005
Product	Fmoc- β - (3- benzothienyl) - Ala- OH
Molecular formula	C ₂₆ H ₂₁ NO ₄ S
Relative molecular mass	443.52

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.3% (TFA)
Purity (TLC)	≥ 99%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	0.1% D-enantiomer
Assay (titration)	96.3% (TBAH)
Water content (KF volumetric)	0.2%

Latest update: July 22, 2015

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