

Analytical Data Sheet

Lot number

1024170

not for drug use

Catalog Number	B-1565.0025
Product number	4011858.0025
Product	Fmoc- Val- OPfp
Molecular formula	$C_{26}H_{20}F_5NO_4$
Relative molecular mass	505.44

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (TLC)	complies with authentic material
Melting point	130 °C
Specific optical rotation	$[\alpha]_D^{24} = -23.0^\circ$ (1 % in chloroform)
Purity (HPLC)	99.9% (TFA, 260 nm)
TLC conditions	ethylacetate/hexane 2/8 chloroform/ethylacetate 9/1 chloroform/methanol/acetic acid 80/3/1 chloroform/ethylacetate/acetic acid 90/10/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Latest update: May 20, 2009	

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