

Analytical Data Sheet

Lot number

1024866

not for drug use

Catalog Number	B-2000.0001
Product number	4015229.0001
Product	Fmoc- His(Boc) - OPfp
Molecular formula	$C_{32}H_{26}F_5N_3O_6$
Relative molecular mass	643.57

Tests	Results
Identification (TLC)	complies with authentic material
Melting point	79 °C
Specific optical rotation	$[\alpha]_D^{24} = -9.0^\circ$ (1 % in EtoAc)
Purity (TLC)	decomposes on TLC- plate
TLC conditions	ethylacetate/hexane 4/5 chloroform/ethylacetate 9/1 chloroform/methanol/acetic acid 80/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.7% (Cth 59.72 %, Cfd 59.52 %)
Latest update: June 25, 2009	Analytical Data Sheet Lot number 1024866