

Analytical Data Sheet

Lot number

1026376

not for drug use

Catalog Number	C-1365.0005
Product number	4002881.0005
Product	Z- Asp(OtBu) - ONp
Molecular formula	C ₂₂ H ₂₄ N ₂ O ₈
Relative molecular mass	444.44

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (2.5 % in MeOH)
Identification (TLC)	complies with authentic material
Melting point	84 °C
Specific optical rotation	$[\alpha]_D^{24} = -34.7^\circ$ (1 % in MeOH)
Purity (TLC)	decomposes on TLC plate
Related impurities (TLC)	< 1% DCH
TLC conditions	ethylacetate/hexane 4/5 chloroform/ethylacetate 9/1 chloroform/ethylacetate/acetic acid 90/10/2 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine
Water content (KF volumetric)	< 0.5%

Latest update: September 07, 2009

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