

Analytical Data Sheet

Lot number

1045785

not for drug use

Catalog Number	E-2995.0001
Product number	4017005.0001
Product	H- Asn(Mtt) - OH
Molecular formula	C ₂₄ H ₂₄ N ₂ O ₃
Relative molecular mass	388.49

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -21.5^\circ$ (1 % in methanol)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.2% (Nth 7.21 %, Nfd 7.15 %)
Latest update: December 04, 2012	

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