

Analytical Data Sheet

Lot number

1037412

not for drug use

Catalog Number	E-3190.0250
Product number	4012095.0250
Product	N- Me- Asp(OtBu) - OH
Molecular formula	C ₉ H ₁₇ NO ₄
Relative molecular mass	203.24

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (20 mg/ml in 80 % acetic acid)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_{365}^{24} = + 6.2^\circ$ (1 % in methanol)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.6% (Nth 6.89 %, Nfd 6.86 %)
Latest update: June 23, 2011	

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