

Analytical Data Sheet

Lot number **1064435**
not for drug use

Catalog number **A-4030.0005**
Product number **4028747.0005**
Product **Boc- D- Asn(Xan) - OH**
Molecular formula $C_{22}H_{24}N_2O_6$
Relative molecular mass 412.45

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (20 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Melting point	176 °C
Specific optical rotation	$[\alpha]_D^{24} = -2.1^\circ$ (5 % DMF)
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.1% (Cth 64.07 %, Cfd 62.84 %)

Latest update: March 07, 2016

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