

Analytical Data Sheet

Lot number **1000003559**
not for drug use

Catalog number **N-1490.0025**
Product number **4026718.0025**
Product **Z- Pro- Pro- aldehyde- dimethyl acetal**
Molecular formula $C_{20}H_{28}N_2O_5$
Relative molecular mass 376.45

Tests	Results
Appearance	white product
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (FAB-MS)	[M+H] ⁺ : m/z = 377 u [M+Na] ⁺ m/z = 399 u
Identification (elemental analysis)	Theory Found C = 63.8 % C = 63.9 % H = 7.5 % H = 7.4 % N = 7.4 % N = 7.4 %
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 ethylacetate/hexane 8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine

Latest update: July 25, 2018

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