

Analytical Data Sheet

Lot number

1043350

not for drug use

Catalog Number	N-1830.0005
Product number	4034771.0005
Product	Z- Ile- Glu(OMe) - Thr- DL- Asp(OMe) - fluoromethylketone
Molecular formula	C ₃₀ H ₄₃ FN ₄ O ₁₁
Relative molecular mass	654.69

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/ml in dichloromethane)
Identification (ESI-MS)	m = 654.6u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 dichloromethane/methanol 95/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.2% (Cth 55.04 %, Cfd 54.07 %)
Latest update: June 27, 2012	

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