

## Analytical Data Sheet

Lot number **1000019753**  
not for drug use

Catalog number **N-1045.0050**  
Product number **4004026.0050**  
Product **Z- Phe- Phe- diazomethylketone**  
Molecular formula  $C_{27}H_{26}N_4O_4$   
Relative molecular mass 470.53

Tests	Results
Appearance	yellowish powder
Appearance of solution	slightly yellow solution (50 mg/ml in THF)
Identification (elemental analysis)	Theory Found C = 68.92 % C = 68.75 % H = 5.57 % H = 5.73 % N = 11.91 % N = 11.58 %  calc. as x 0.1 H <sub>2</sub> O
Purity (TLC)	> 98%
TLC conditions	chloroform/acetic acid 95/5 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.8% (Cth 68.92 %, Cfd 68.75 %)
Water content (KF volumetric)	0.3%

Latest update: August 05, 2019

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