

Analytical Data Sheet

Lot number **1054845**
not for drug use

Catalog number **C-2680.0025**
Product number **4008236.0025**
Product **Z- Trp- OSu**
Molecular formula $C_{23}H_{21}N_3O_6$
Relative molecular mass 435.44

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.9% (TEAP)
Related impurities (HPLC)	0.2% Z-Trp-OH
Purity (TLC)	Normal phase: the decomposition profile equals the one of the reference substance on the same TLC plate > 99% (RP8)
Related impurities (TLC)	< 0.5% dicyclohexyl urea
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 methanol 80% plate: RP-8 detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	0.1% D-enantiomer
Assay (elemental analysis)	100.0% (Cth 63.44%, Cfd 63.46%)