

Analytical Data Sheet

Lot number **1071488**
not for drug use

Catalog number **E-1735.0100**
Product number **4000756.0100**
Product **Chloroac- Trp- OH**
Molecular formula $C_{13}H_{13}ClN_2O_3$
Relative molecular mass 280.71

Tests	Results
Appearance	yellowish powder
Appearance of solution	clear, yellowish solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = +26.6^\circ$ (2% in ethanol)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	98.3% (TBAH)

Latest update: May 02, 2017

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