

Analytical Data Sheet

Lot number **1000048775**
not for drug use

Product Pyr-OPcp
Product number **4000759.0001**
Molecular formula $C_{11}H_6Cl_5NO_3$
Relative molecular mass 377.44

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in chloroform/methanol 1/1)
Identification (elemental analysis)	C-Value 34.8% H-Value 1.6% N-Value 3.7%
Identification (TLC)	complies with authentic material
Melting point	192°C
Specific optical rotation	$[\alpha]_D^{24} = +20.5^\circ$ (1% in dimethylformamide)
Purity (TLC)	decomposes
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/toluene/H ₂ O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.5% (Cth 35.00%, Cfd 34.84%)

Latest update: April 06, 2021

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