



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Product Name:

Cytochalasin D - from *Zygosporium mansonii*, ≥98% (TLC and HPLC), powder

Product Number:

021564

Batch Number:

1604762

CAS Number:

22144-77-0

Formula:

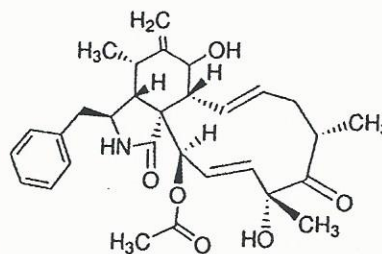
C<sub>30</sub>H<sub>37</sub>NO<sub>6</sub>

Formula Weight:

507.62 g/mol

Storage Temperature:

Store at -20 °C



Test	Specification	Result
Appearance (Form)	Powder	Powder
Appearance (Colour)	White to White w/ Yellow Cast	White
Solubility (Solvent)	Chloroform	Chloroform
Solubility (Conc)	1.90 - 2.10 mg/ml	2.00 mg/ml
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Colorless to Faint Yellow	Colorless
Water (by Karl Fischer)	≥ 0.00 %	0.01 %
Elemental Anal. (%C anhydrous)	70.48 - 71.48 %	71.33 %
Elemental Anal. (%N anhydrous)	2.46 - 3.06 %	2.98 %
Purity (TLC)	≥ 98.00 %	98.00 %
Purity (HPLC)	≥ 98.00 %	98.06 %
NMR (Solvent)	DMSO-d <sub>6</sub>	DMSO-d <sub>6</sub>
Identity by NMR	Consistent	Consistent with Structure