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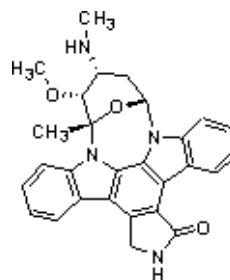
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## Product Specification

Product Name: Staurosporine from *Streptomyces* sp. - ≥95% (HPLC), film

Product Number: **S4400**  
 CAS Number: 62996-74-1  
 Formula: C<sub>28</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub>  
 Formula Weight: 466.53 g/mol  
 Storage Temperature: 2 - 8 °C



### TEST

### Specification

Appearance (Form)	Film (Dried In Situ)
Solubility (Solvent)	Methanol
Solubility (Conc)	1.96 - 2.04 mg/ml
Solubility (Heating)	Yes or No
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
NMR (Solvent)	DMSO-d <sub>6</sub>
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Petroleum Ether
NMR (% Solvent 1)	≤ 5.00 %
NMR (Residual Solvent 2)	Dichloromethane
NMR (% Solvent 2)	≤ 5.00 %
NMR (Total % Resid.Solvents)	≤ 5.00 %
Purity (HPLC)	≥ 95.00 %
Vial Content (Overpack)	≤ 20.00 %
Recommended Retest Period	-----
2 Years	

Specification: PRE.0.ZQ5.10000002147

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.