



MANUFACTURED BY VDM BIOCHEMICALS.LLC  
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## CERTIFICATE OF ANALYSIS

Product name: **K-252c**

Cat. number: **VD-IS-0073**

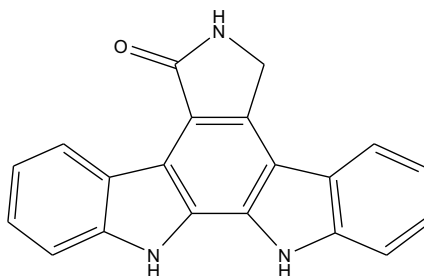
CAS Number: **85753-43-1**

Lot number: **VD0074487**

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### Personal protective equipment

- Lab coat.
- Safety glasses.



### Product Specification

<b>Formula:</b>	C <sub>20</sub> H <sub>13</sub> N <sub>3</sub> O
<b>MW:</b>	311.34
<b>Purity:</b>	>=99%
<b>Appearance:</b>	Off-white solid.
<b>Solubility:</b>	DMSO.
<b>Storage:</b>	-20°C. <b>Protect from light.</b>
<b>Synonyms:</b>	Staurosporinone
<b>NMR:</b>	<b>Consistent with structure.</b>

### Product Description

Inhibitor of protein kinase C (IC<sub>50</sub> = 2.45 μM) that displays ~ 10-fold selectivity over protein kinase A (IC<sub>50</sub> = 25.7 μM). Also inhibits β-lactamase, malate dehydrogenase and chymotrypsin (IC<sub>50</sub> values are 8, 8 and 10 μM respectively). Exhibits antiviral activity against GCV-sensitive and -resistant strains of human cytomegalovirus (HCMV) (IC<sub>50</sub> values range from 0.13-0.32 μM). Shows no activity against herpes simplex virus (HSV).

### Quality control department:

This material is chemically synthesized. **Made in USA**

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