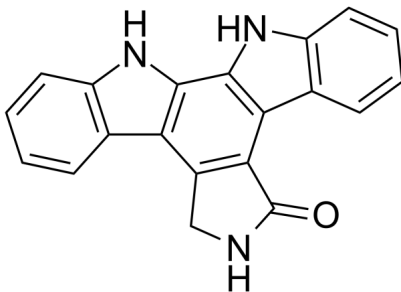


## Certificate of Analysis

Catalog Number	BP13965
Product Name	K-252c

## Physical and Chemical Properties

CAS No.	85753-43-1
Chemical Formula	C <sub>20</sub> H <sub>13</sub> N <sub>3</sub> O
Molecular Weight	311.344
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	<p>K-252c is a staurosporine analog isolated from <i>Nocardioopsis</i> sp. and is a cell-permeable PKC inhibitor (IC<sub>50</sub>: 2.45 μM). K-252c also inhibits β-lactamase, chymotrypsin, and malate dehydrogenase. K-252c causes apoptosis in human chronic myelogenous leukemia cancer cells.</p>
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Targets&IC50	PKC:2.45 $\mu$ M
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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