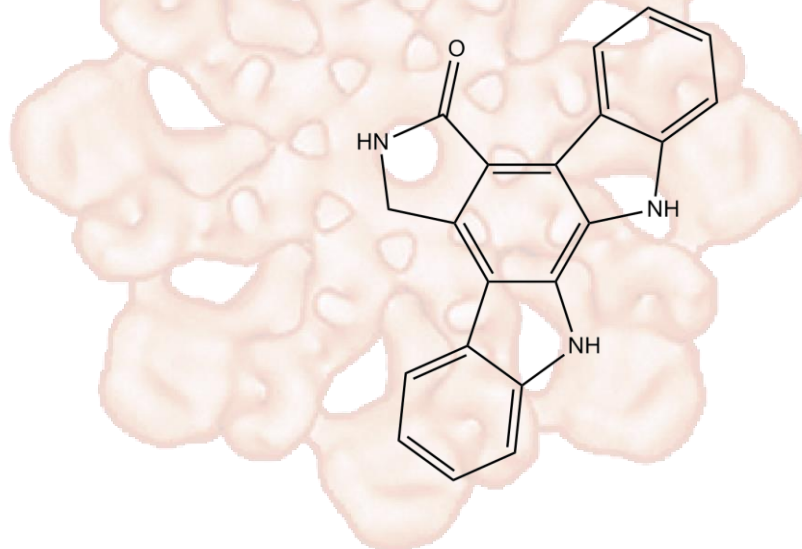


# Product Data Sheet

## K-252c

<b>Cat. No.:</b>	A8344
<b>CAS No.:</b>	85753-43-1
<b>Formula:</b>	C <sub>20</sub> H <sub>13</sub> N <sub>3</sub> O
<b>M.Wt:</b>	311.34
<b>Synonyms:</b>	Staurosporinone
<b>Target:</b>	TGF- $\beta$ / Smad Signaling
<b>Pathway:</b>	PKC
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥ 15.55mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		3.2119 mL	16.0596 mL	32.1192 mL
	5 mM		0.6424 mL	3.2119 mL	6.4238 mL
	10 mM		0.3212 mL	1.6060 mL	3.2119 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

Protein kinase inhibitor

IC<sub>50</sub> & Target

2.45  $\mu$ M (PKC), 25.7  $\mu$ M (PKA)

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX<sup>BIO</sup> products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX<sup>BIO</sup> Technology**

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