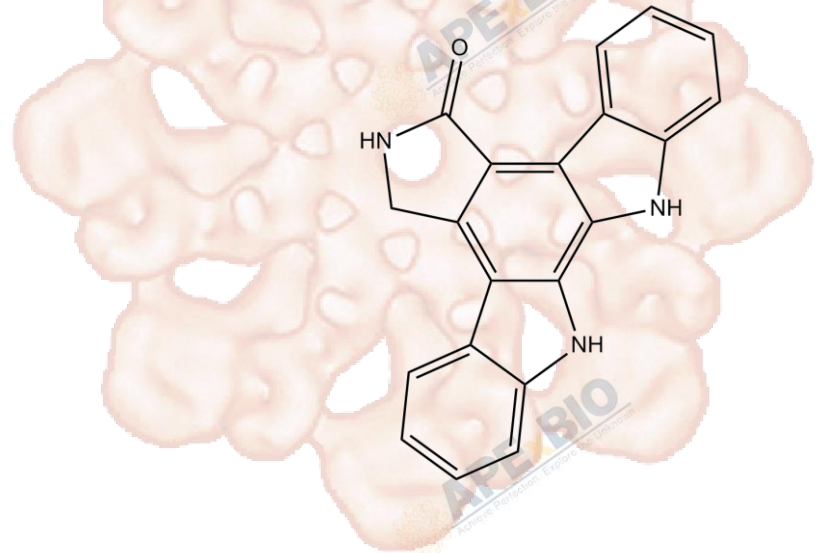


Product Data Sheet

K-252c

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



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥ 15.55 mg/mL in DMSO

In Vitro

Preparing	Solvent	Mass	1mg	5mg	10mg
		Concentration			
Stock Solutions	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 ₅₀ & Target	2.45 μ M (PKC), 25.7 μ M (PKA)	
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

See more customer validations on 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 APExBIO 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.

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