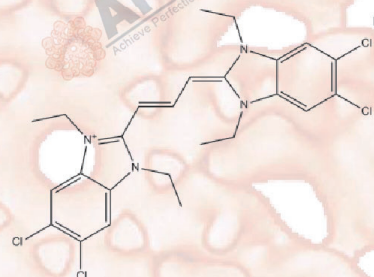


# Product Data Sheet

## JC-1

<b>Cat. No.:</b>	A3516
<b>CAS No.:</b>	3520-43-2
<b>Formula:</b>	C <sub>25</sub> H <sub>27</sub> Cl <sub>4</sub> N <sub>4</sub>
<b>M.Wt:</b>	652.23
<b>Synonyms:</b>	CBIC2;JC1;JC 1
<b>Target:</b>	Immunology/Inflammation
<b>Pathway:</b>	Interleukin Related
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥32.6 mg/mL in DMSO with gentle warming; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	1.5332 mL	7.6660 mL	15.3320 mL
		5 mM	0.3066 mL	1.5332 mL	3.0664 mL
		10 mM	0.1533 mL	0.7666 mL	1.5332 mL

Please refer to the solubility information to select the appropriate solvent

## Biological Activity

Shortsummary

Probe for Mitochondrial Membrane Potential

IC<sub>50</sub> & Target

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 BIO 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 BIO Technology**

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