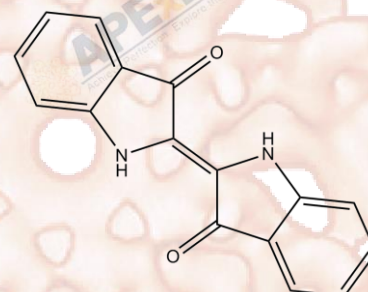


## Product Data Sheet

### Indigo

<b>Cat. No.:</b>	N1630
<b>CAS No.:</b>	482-89-3
<b>Formula:</b>	C <sub>16</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>
<b>M.Wt:</b>	262.27
<b>Synonyms:</b>	
<b>Target:</b>	Natural Products
<b>Pathway:</b>	
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH; ≥11.18 mg/mL in DMSO with ultrasonic

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.8129 mL	19.0643 mL	38.1286 mL
		5 mM	0.7626 mL	3.8129 mL	7.6257 mL
		10 mM	0.3813 mL	1.9064 mL	3.8129 mL

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

### Biological Activity

Shortsummary

Indigo-carmin dye, which can be used as a cytoplasmic dye, often combined with picric acid

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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