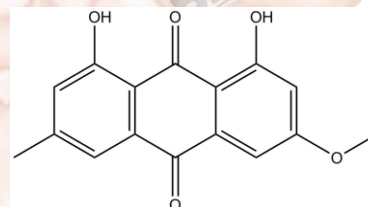


## Product Data Sheet

### Physcion

<b>Cat. No.:</b>	N1853
<b>CAS No.:</b>	521-61-9
<b>Formula:</b>	C <sub>16</sub> H <sub>12</sub> O <sub>5</sub>
<b>M.Wt:</b>	284.27
<b>Synonyms:</b>	physcione;parietin;rheochrysidin
<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; ≥1.42 mg/mL in DMSO with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	3.5178 mL	17.5889 mL	35.1778 mL
	<b>5 mM</b>	0.7036 mL	3.5178 mL	7.0356 mL
	<b>10 mM</b>	0.3518 mL	1.7589 mL	3.5178 mL

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

### Biological Activity

Shortsummary

Anthraquinone found in Rheum emodi

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1.Ma L, Cheng Q. "Inhibiting 6-phosphogluconate dehydrogenase reversesdoxorubicin resistance in anaplastic thyroid cancer via inhibitingNADPH-dependent metabolic reprogramming." Biochem Biophys Res Commun. 2018 Apr15;498(4):912-917.PMID:29534964

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>®</sup>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.

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