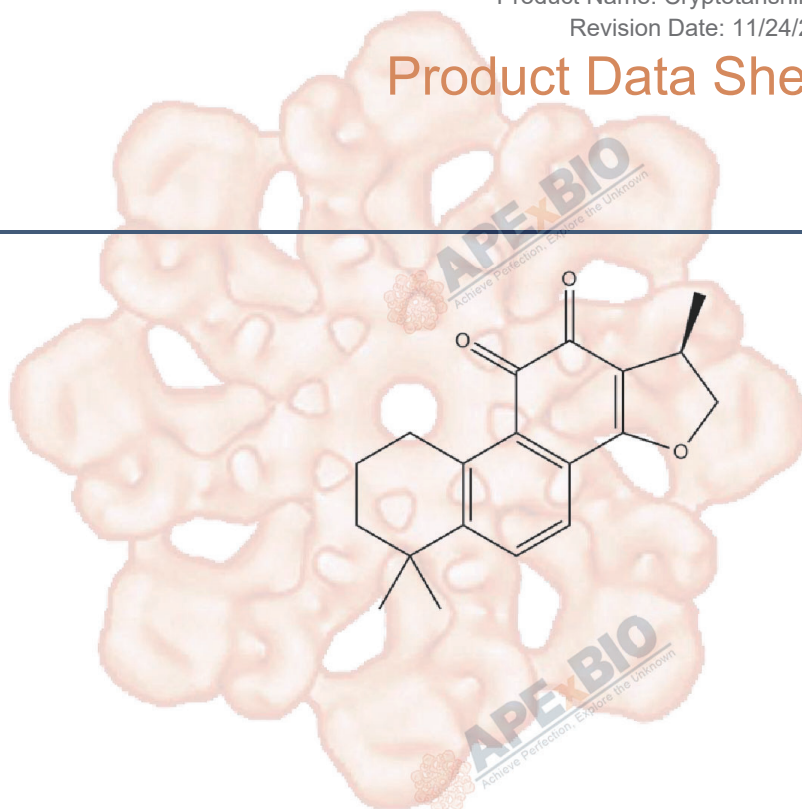


# Product Data Sheet

## Cryptotanshinone

<b>Cat. No.:</b>	N1843
<b>CAS No.:</b>	35825-57-1
<b>Formula:</b>	C <sub>19</sub> H <sub>20</sub> O <sub>3</sub>
<b>M.Wt:</b>	296.35
<b>Synonyms:</b>	
<b>Target:</b>	JAK/STAT Signaling
<b>Pathway:</b>	STAT
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH; ≥4.23 mg/mL in DMSO

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	3.3744 mL	16.8719 mL	33.7439 mL
		<b>5 mM</b>	0.6749 mL	3.3744 mL	6.7488 mL
		<b>10 mM</b>	0.3374 mL	1.6872 mL	3.3744 mL

Please refer to the solubility information to select the appropriate solvent

### Biological Activity

Shortsummary	STAT3/AChE inhibitor	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	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 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.*

**APExBIO Technology**

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