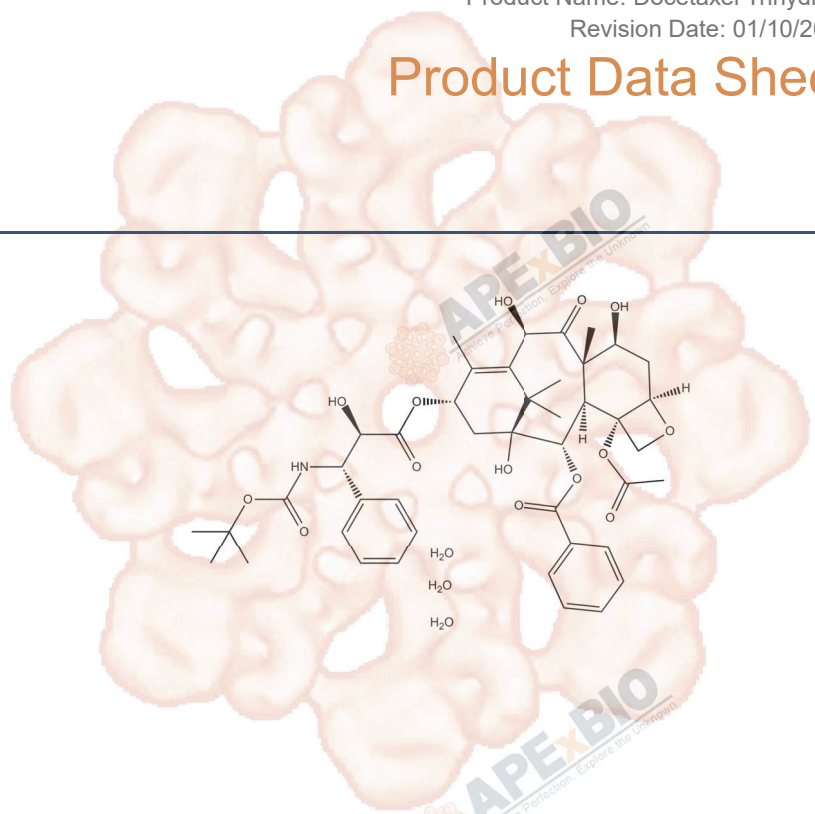


# Product Data Sheet

## Docetaxel Trihydrate

<b>Cat. No.:</b>	A3370
<b>CAS No.:</b>	148408-66-6
<b>Formula:</b>	C43H59NO17
<b>M.Wt:</b>	861.93
<b>Synonyms:</b>	Taxotere Trihydrate
<b>Target:</b>	Cell Cycle/Checkpoint
<b>Pathway:</b>	Microtubule/Tubulin
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥43.0965 mg/mL in DMSO, ≥87.6 mg/mL in EtOH with gentle warming, insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	1.1602 mL	5.8009 mL	11.6019 mL
		<b>5 mM</b>	0.2320 mL	1.1602 mL	2.3204 mL
		<b>10 mM</b>	0.1160 mL	0.5801 mL	1.1602 mL

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

### Biological Activity

Shortsummary	Depolymerisation of microtubules 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 APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term 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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