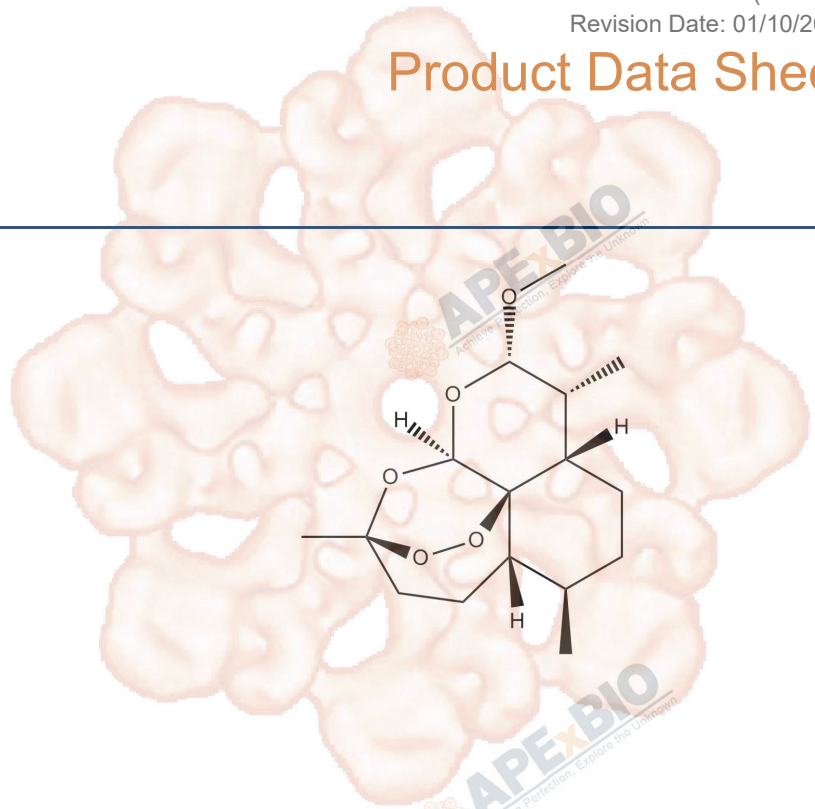


# Product Data Sheet

## Artemether (SM-224)

<b>Cat. No.:</b>	A4014
<b>CAS No.:</b>	71963-77-4
<b>Formula:</b>	C <sub>16</sub> H <sub>26</sub> O <sub>5</sub>
<b>M.Wt:</b>	298.4
<b>Synonyms:</b>	
<b>Target:</b>	Ubiquitination/ Proteasome
<b>Pathway:</b>	Proteasome
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥ 15.3 mg/mL in DMSO, ≥ 90.2 mg/mL in EtOH, insoluble in H<sub>2</sub>O

In Vitro

Preparing	Solvent	Mass	1mg	5mg	10mg
		Concentration			
Stock Solutions	1 mM		3.3512 mL	16.7560 mL	33.5121 mL
	5 mM		0.6702 mL	3.3512 mL	6.7024 mL
	10 mM		0.3351 mL	1.6756 mL	3.3512 mL

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

### Biological Activity

Shortsummary

Semi-synthetic derivative of artemisinin

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. 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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