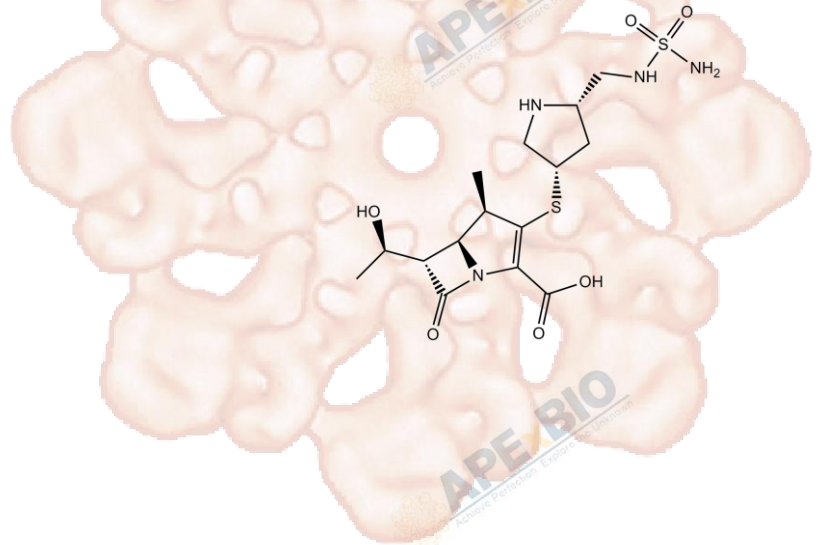


# Product Data Sheet

## Doripenem

<b>Cat. No.:</b>	B1076
<b>CAS No.:</b>	148016-81-3
<b>Formula:</b>	C <sub>15</sub> H <sub>24</sub> N <sub>4</sub> O <sub>6</sub> S <sub>2</sub>
<b>M.Wt:</b>	420.5
<b>Synonyms:</b>	
<b>Target:</b>	Microbiology & Virology
<b>Pathway:</b>	Antibiotic
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥20.1 mg/mL in DMSO with gentle warming; ≥13.1 mg/mL in H<sub>2</sub>O with ultrasonic; ≥3.37 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.3781 mL	11.8906 mL	23.7812 mL
	5 mM	0.4756 mL	2.3781 mL	4.7562 mL
	10 mM	0.2378 mL	1.1891 mL	2.3781 mL

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

### Biological Activity

Shortsummary

Ultra-broad spectrum injectable antibiotic

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 APExBIO 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.*

**APExBIO Technology**

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