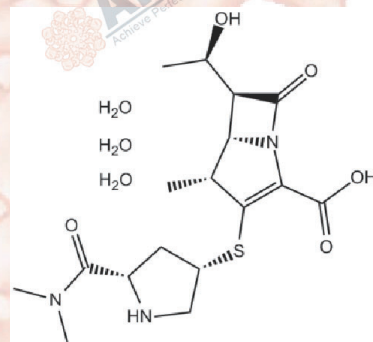


Product Data Sheet

Meropenem trihydrate

Cat. No.:	B1217
CAS No.:	119478-56-7
Formula:	C ₁₇ H ₃₁ N ₃ O ₈ S
M.Wt:	437.51
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≥20.7 mg/mL in H₂O with gentle warming; insoluble in EtOH; ≥49.2 mg/mL in DMSO

In Vitro	Preparing Stock Solutions			Mass			
		Solvent		Concentration	1mg	5mg	10mg
		1 mM		2.2857 mL	11.4283 mL	22.8566 mL	
		5 mM		0.4571 mL	2.2857 mL	4.5713 mL	
		10 mM		0.2286 mL	1.1428 mL	2.2857 mL	

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary

Broad-spectrum β-lactam antibiotic

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on 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. 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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