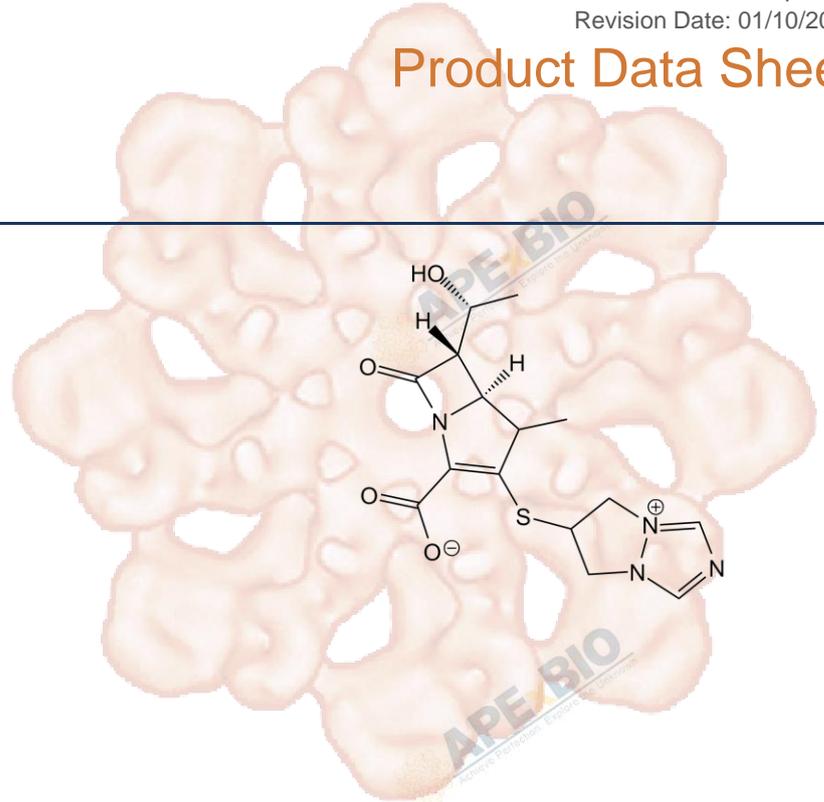


Product Data Sheet

Biapenem

Cat. No.:	A1373
CAS No.:	120410-24-4
Formula:	C ₁₅ H ₁₈ N ₄ O ₄ S
M.Wt:	350.39
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≥ 18.65 mg/mL in H₂O with gentle warming; insoluble in DMSO; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.8540 mL	14.2698 mL	28.5396 mL
	5 mM		0.5708 mL	2.8540 mL	5.7079 mL
	10 mM		0.2854 mL	1.4270 mL	2.8540 mL

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

Biological Activity

Shortsummary

Highly broad spectrum antibiotic agent

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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