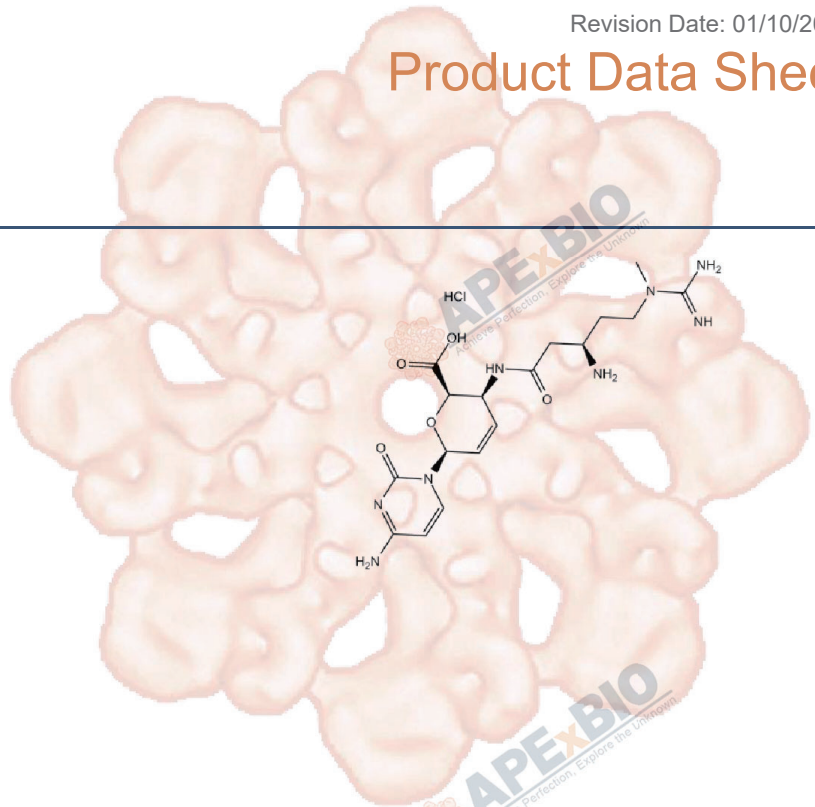


Product Data Sheet

Blasticidin S HCl

Cat. No.:	B4879
CAS No.:	3513-03-9
Formula:	C ₁₇ H ₂₇ CIN ₈ O ₅
M.Wt:	458.9
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	DNA Synthesis
Storage:	Store at -20°C



Solvent & Solubility

insoluble in DMSO; insoluble in EtOH; ≥52.4 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.1791 mL	10.8956 mL	21.7912 mL
	5 mM	0.4358 mL	2.1791 mL	4.3582 mL
	10 mM	0.2179 mL	1.0896 mL	2.1791 mL

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

Biological Activity

Shortsummary antibiotic, inhibits protein synthesis

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 APExBIO 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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