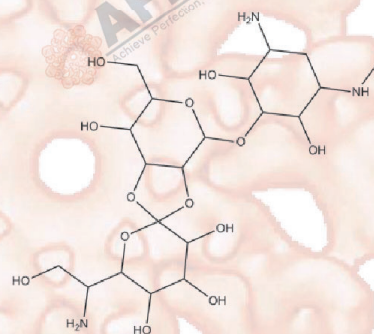


Product Data Sheet

Hygromycin B

Cat. No.:	A2515
CAS No.:	31282-04-9
Formula:	C ₂₀ H ₃₇ N ₃ O ₁₃
M.Wt:	527.5
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≥26.38 mg/mL in H₂O; ≥5.35 mg/mL in EtOH; ≥9.14 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	1.8957 mL	9.4787 mL	18.9573 mL
		5 mM	0.3791 mL	1.8957 mL	3.7915 mL
		10 mM	0.1896 mL	0.9479 mL	1.8957 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary

Suitable for mammalian cell selection

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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