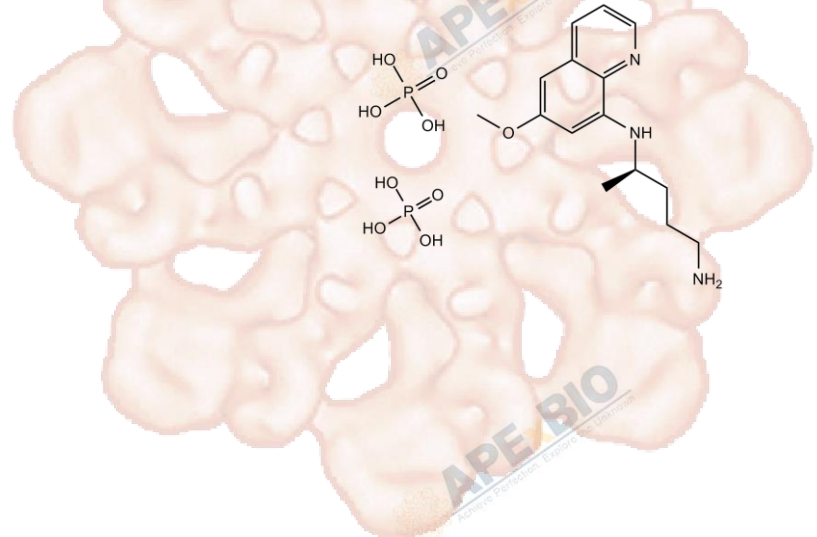


Product Data Sheet

Primaquine Diphosphate

Cat. No.: B1820
CAS No.: 63-45-6
Formula: C₁₅H₂₁N₃O₇·2H₃O₄P
M.Wt: 455.34
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 18.85 mg/mL in DMSO; ≥ 27.65 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
	1 mM		2.1962 mL	10.9808 mL	21.9616 mL
	5 mM		0.4392 mL	2.1962 mL	4.3923 mL
	10 mM		0.2196 mL	1.0981 mL	2.1962 mL

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

Biological Activity

Shortsummary

antimalarial agent, blocks 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 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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