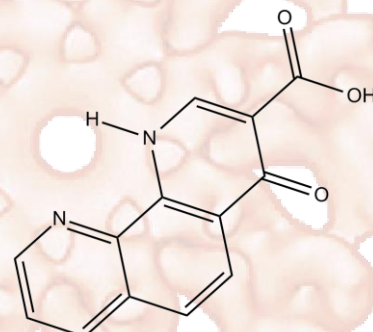


Product Data Sheet

1,4-DPCA

Cat. No.:	C3302
CAS No.:	331830-20-7
Formula:	C ₁₃ H ₈ N ₂ O ₃
M.Wt:	240.2
Synonyms:	1,4-dihydrophenanthroline-4-one-3-Carboxylic acid
Target:	Others
Pathway:	Hydroxylases
Storage:	Store at -20°C



Solvent & Solubility

≤3mg/ml in DMSO; 3mg/ml in dimethyl formamide

In Vitro

	Solvent	Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	4.1632 mL	20.8160 mL	41.6320 mL
		5 mM	0.8326 mL	4.1632 mL	8.3264 mL
		10 mM	0.4163 mL	2.0816 mL	4.1632 mL

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

Biological Activity

Shortsummary

competitive inhibitor of prolyl 4-hydroxylase

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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