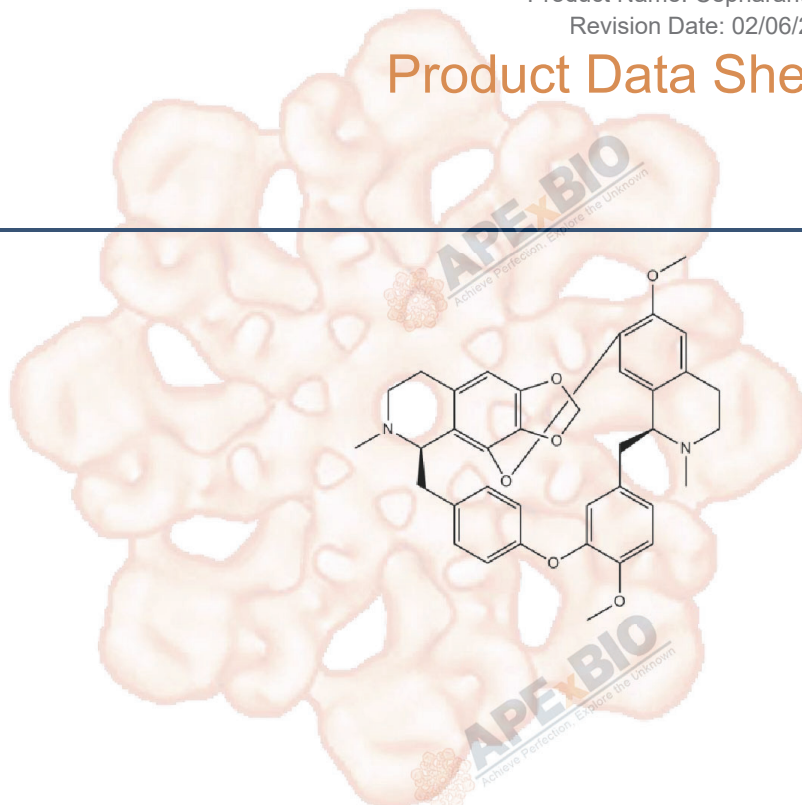


# Product Data Sheet

## Cepharanthine

<b>Cat. No.:</b>	N2771
<b>CAS No.:</b>	481-49-2
<b>Formula:</b>	C37H38N2O6
<b>M.Wt:</b>	606.71
<b>Synonyms:</b>	
<b>Target:</b>	Natural Products
<b>Pathway:</b>	
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥21.9 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥24.6 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	1.6482 mL	8.2412 mL	16.4823 mL
		5 mM	0.3296 mL	1.6482 mL	3.2965 mL
		10 mM	0.1648 mL	0.8241 mL	1.6482 mL

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

## Biological Activity

Shortsummary	antiperoxidant potency
IC <sub>50</sub> & Target	
In Vitro	<b>Cell Viability Assay</b>
	Preparation method:
In Vivo	<b>Animal experiment</b>
	Applications:

## Product Citations

1. Wu ZX, Teng QX, et al. "Tepotinib reverses ABCB1-mediated multidrug resistance in cancer cells." *Biochem Pharmacol.* 2019 Aug;166:120-127.PMID:31078601

2. Zhang XY, Zhang YK, et al. "Osimertinib (AZD9291), a Mutant-Selective EGFR Inhibitor, Reverses ABCB1-Mediated Drug Resistance in Cancer Cells." *Molecules.* 2016 Sep 15;21(9). pii: E1236.PMID:27649127

See more customer validations on [www.apexbt.com](http://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. Short-term 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.*

**APExBIO Technology**

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