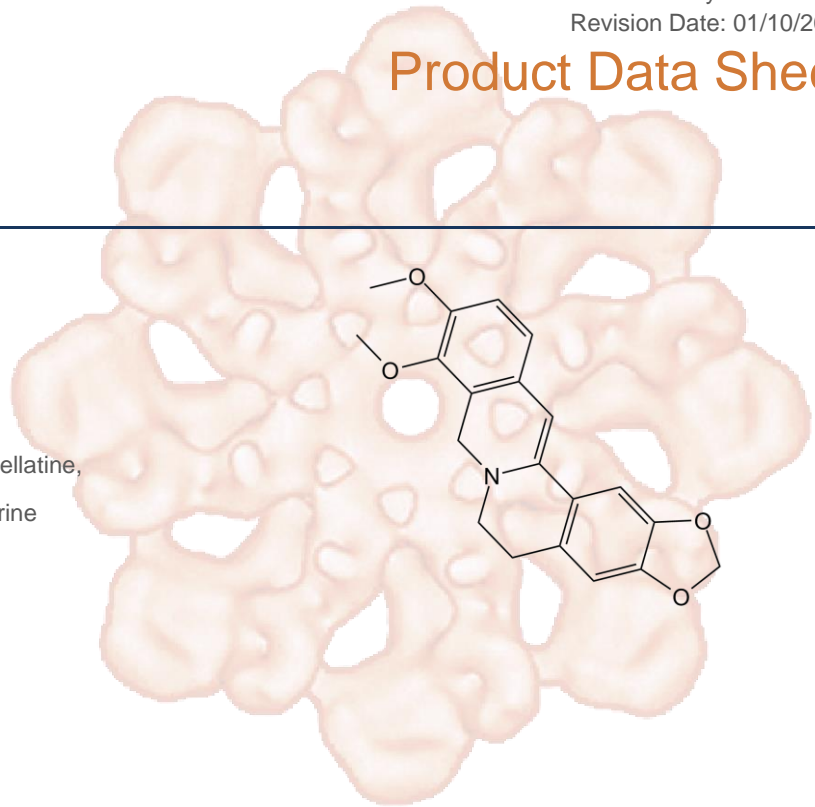


## Dihydroberberine

<b>Cat. No.:</b>	N2078
<b>CAS No.:</b>	483-15-8
<b>Formula:</b>	C <sub>20</sub> H <sub>19</sub> NO <sub>4</sub>
<b>M.Wt:</b>	337.39
<b>Synonyms:</b>	Dihydroberbine, Dihydroumbellatine, 7,8-Dihydroberberine, Berberine
<b>Target:</b>	Natural Products
<b>Pathway:</b>	
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

Soluble to 57.46 mg/l in water

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.9639 mL	14.8196 mL	29.6393 mL
	5 mM	0.5928 mL	2.9639 mL	5.9279 mL
	10 mM	0.2964 mL	1.4820 mL	2.9639 mL

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

### Biological Activity

Shortsummary: Pancreatic lipase inhibitor

IC<sub>50</sub> & Target: 8 µg/ml (pancreatic lipase)

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

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 APEX<sup>BIO</sup> 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.*

**APEX<sup>BIO</sup> Technology**

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