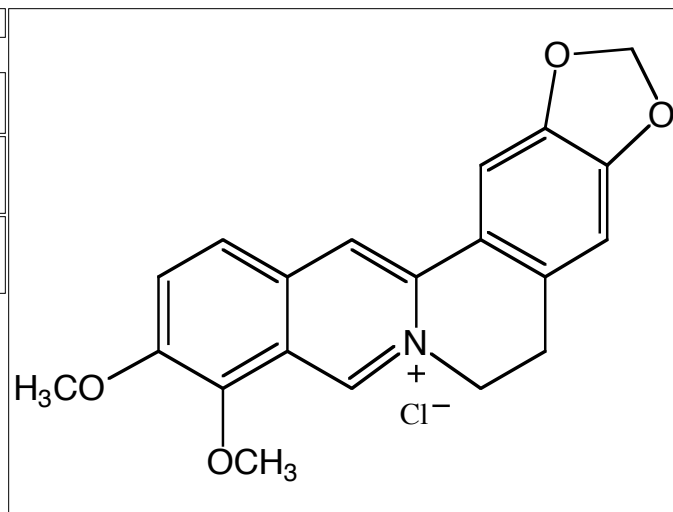




**LKT Laboratories, Inc**  
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# Product Information

<b>CAS No.</b>	633-65-8
<b>Product ID</b>	B1870
<b>Product Name</b>	Berberine hydrochloride hydrate
<b>Chemical Name</b>	
<b>Synonym</b>	Berberine hydrochloride; Berberine chloride dihydrate
<b>Formula</b>	C <sub>20</sub> H <sub>18</sub> NO <sub>4</sub> <sup>+</sup> Cl <sup>-</sup>
<b>Formula Wt.</b>	371.82
<b>Melting Point</b>	200°C
<b>Boiling Point</b>	
<b>Purity</b>	≥97%
<b>Solubility</b>	Soluble in boiling water.
<b>Stability</b>	Protect from light.
<b>Store Temp</b>	Ambient
<b>Ship Temp</b>	
<b>Product Description</b>	An isoquinoline alkaloid found in plants of the genera Berberis and Coptis. It was shown to have a chemopreventive property against colon tumor formation by inhibiting the enzyme cyclooxygenase-2 (cox-2) which is abundantly expressed in colon cancer cells. It also inhibites Activator Protein 1 (AP-1), a transcription factor which palya a critical role in inflammation and carcinogenesis.
<b>References</b>	Fukuda K., Hibiya Y., Mutoh M., Koshiji M., Akao s., Fujiwara H. <i>J. Ethno.</i> <b>66</b> :227-33 (1999). Fukuda K., Hibiya Y., Mutah M., Koshiji M., Akao S., Fujiwara H. <i>Planta Med.</i> <b>65</b> :381-3 (1999).



## Pricing

5 g	\$26.00
10 g	\$34.50

**Bulk quantities available upon request**

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**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.