

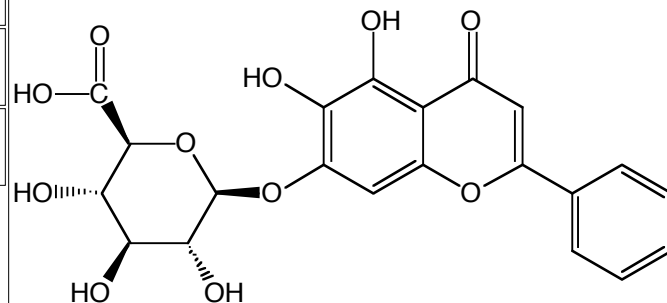


LKT Laboratories, Inc

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Product Information

CAS No.	21967-41-9
Product ID	B0133
Product Name	Baicalin
Chemical Name	
Synonym	7-D-Glucuronic acid-5,6-dihydroxyflavone
Formula	C ₂₁ H ₁₈ O ₁₁
Formula Wt.	446.36
Melting Point	202-205°C (lit.)
Boiling Point	
Purity	≥98%
Solubility	Soluble in DMSO or
Stability	
Store Temp	-20 deg C
Ship Temp	Ambient



Product Description Baicalin is one of the flavonoids found in the radix of *Scutellaria baicalensis* that has antioxidant activity. It scavenges hydroxyl radical, DPPH radical and alkyl radical, and protects cells from oxidative damage. Baicalin also exhibits a variety of biological activities. Its antiinflammatory effect was observed by its inhibition against carrageenan-induced rat paw edema. It has anti-HIV activity. The replication of HIV-1 was inhibited in a dose-dependent manner. One of the mechanisms of inhibition is likely the induction of apoptosis. Baicalin was found also to inhibit colon aberrant crypts formation induced by azoxymethane and suppressed the growth and metastasis of malignant melanoma in ret-transgenic mice.

References Gao, Z., Huang, K., Yang, X., Xu, H. *Biochem. Biophys. Acta.* **1472**:643-650 (1999).
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Kato, M., Liu, W., Yi, H., et al. *J. Invest. Dermatol.* **111**:640-644 (1998).

Pricing

1 mg	\$55.10
5 mg	\$215.30
10 mg	\$301.40

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.