



## Product Information

**Product ID** E6134

**CAS No.** 110642-44-9

**Chemical Name** 3-[(6-Deoxy-2-O-(6-deoxy- $\alpha$ -L-mannopyranosyl)- $\alpha$ -L-mannopyranosyl oxy]-7-( $\beta$ -D-glucopyranosyloxy)-5-hydroxy-2-(4-methoxyphenyl)-8-(3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one

**Synonym** Baohuoside VI

**Formula**  $C_{39}H_{50}O_{19}$

**Formula Wt.** 822.80

**Melting Point**

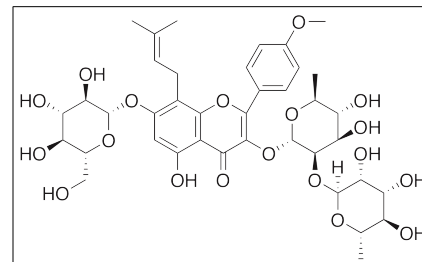
**Purity**  $\geq 98\%$

**Solubility**

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Epimedin C is a flavonoid originally found in *Epimedium sagittatum*; it exhibits immunostimulatory and anticancer activities. In hepatoma cells, epimedin C inhibited cellular proliferation by decreasing expression of c-Myc, cyclin D1, and c-fos, and increasing expression of CDK inhibitors p21 and p27. In a mouse model of hydrocortisone acetate-mediated immunosuppression, epimedin C enhances lymphocyte proliferation and increases IL-2 production.



## Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
E6134	1 mg	\$97.70
E6134	5 mg	\$163.40
E6134	10 mg	\$296.30
E6134	25 mg	\$612.70

**References** Liu TZ, Chen CY, Yiin SJ, et al. Molecular mechanism of cell cycle blockage of hepatoma SK-Hep-1 cells by Epimedin C through suppression of mitogen-activated protein kinase activation and increased expression of CDK inhibitors p21(Cip1) and p27(Kip1). Food Chem Toxicol. 2006 Feb;44(2):227-35. PMID: 16112786.

Liang HR, Vuorela P, Vuorela H, et al. Isolation and immunomodulatory effect of flavonol glycosides from Epimedium huananense. Planta Med. 1997 Aug;63(4):316-9. PMID: 9270375.

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