



LKT Laboratories, Inc.

## Ipriflavone

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### Product Information

**Product ID** I6068

**CAS No.** 35212-22-7

**Chemical Name** 7-(1-Methylethoxy)-3-phenyl-4H-1-benzopyran-4-one

**Synonym** Iprosten, Osten, Osteofix, Yambolap

**Formula** C<sub>18</sub>H<sub>16</sub>O<sub>3</sub>

**Formula Wt.** 280.32

**Melting Point** 115-117°C

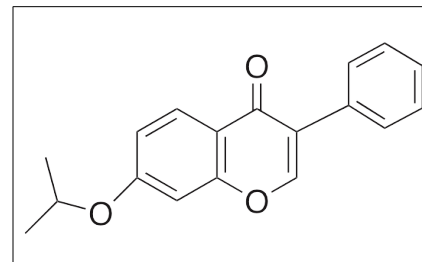
**Purity** ≥98%

**Solubility** Poor solubility in water.  
Soluble in DMSO.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Ipriflavone is a synthetic isoflavone that exhibits anti-osteoporotic, anti-resorptive, and cytoprotective activities. In animal models of low Ca<sup>2+</sup> diet, ipriflavone decreases bone resorption and increases bone density and volume. In vitro, this compound protects against cyclophosphamide-induced DNA damage. TEST!!!!!!



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
I6068	1 g	\$42.80
I6068	5 g	\$77.20
I6068	10 g	\$143.30

**References** Lv WT, Yang YH, Ma LQ, et al. Ipriflavone reverses the adverse effects of a low-calcium diet on the histology of the tibia in caged layers. Br Poult Sci. 2014;55(2):207-14. PMID: 24404906.

Delarmelina JM, Dutra JC, Batitucci Mdo C. Antimutagenic activity of ipriflavone against the DNA-damage induced by cyclophosphamide in mice. Food Chem Toxicol. 2014 Mar;65:140-6. PMID: 24389340.

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