



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 Iprostén, Osten, Osteofix, Yambolap

Formula C₁₈H₁₆O₃

Formula Wt. 280.32

Melting Point 115-117°C

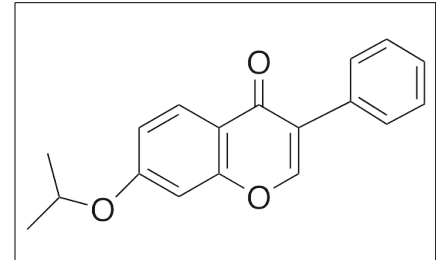
Purity ≥98%

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 Ca²⁺ diet, ipriflavone decreases bone resorption and increases bone density and volume. In vitro, this compound protects against cyclophosphamide-induced DNA damage.



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.