LKT Laboratories, Inc.

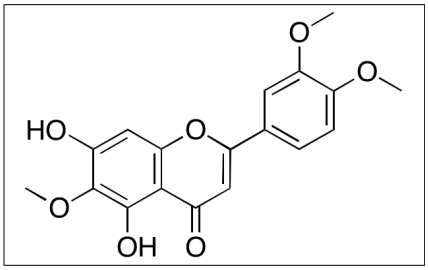
Eupatilin

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID E8260
CAS No. 22368-21-4
Chemical Name 2-(3,4-Dimethoxyphenyl)-5,7-dihydroxy-6-methoxy-4H-chromen-4-one
Synonym NSC 122413; Stillen

Formula $C_{18}H_{16}O_7$
Formula Wt. 344.32
Melting Point
Purity ≥98%
Solubility Soluble in DMSO, hot methanol or mixture of methanol and chloroform.



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
E8260	5 mg	$102.90
E8260	25 mg	$417.90

Store Temp -20°C
Ship Temp Ambient
Description Eupatilin is an O-methylated flavone found in Artemisia; it exhibits anticancer chemotherapeutic, nephroprotective, anti-inflammatory, anti-arthritic, antinociceptive, gastrointestinal motility modulating, antidepressant, antioxidative, neuroprotective, and anti-angiogenic activities. In gastric cancer cells, eupatilin suppresses cell growth; in animal models of gastric cancer, eupatilin inhibits STAT3 and VEGF expression and decreases tumor growth. This compound activates PPARα and ameliorates kidney injury in models of renal ischemia/reperfusion. Additionally, eupatilin inhibits cartilage degradation, decreases nociception, and downregulates expression of IL-6, iNOS, and IL-1β in animal models of osteoarthritis. Eupatilin also slows gastrointestinal motility in animal models, protects against cerebral ischemia/reperfusion-induced neuronal damage, and decreases immobility time in animals undergoing the forced swim test.

References

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