LKT Laboratories, Inc.

Quercetin Dihydrate

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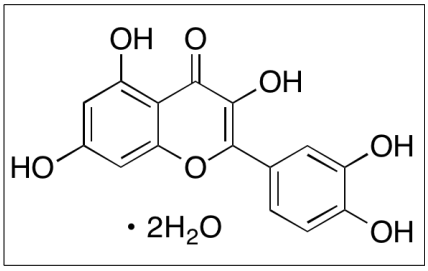
Product Information

Product ID Q8016
CAS No. 6151-25-3
Chemical Name 4 H- 1-Benzopyran-4-one-2-(3,4-dihydroxyphenyl)- 3,5,7-trihydroxy-dihydrate
Synonym CCRIS 3304



Formula $C_{15}H_{10}O_7 \cdot 2H_2O$
Formula Wt. 338.26
Melting Point 314°C(dec)
Purity ≥95%
Solubility Soluble in ethanol. Insoluble in water.

Bulk quanitites available upon request

Product ID	Size
Q8016	25 g
Q8016	100 g
Q8016	500 g

Store Temp 4°C
Ship Temp Ambient

Description Quercetin is a phytoestrogen and flavonoid found in fruits, vegetables, and grains; it exhibits antiviral, anti-inflammatory, antihypertensive, anti-allergic, immunomodulatory, and neuromodulatory activities. Quercetin inhibits reverse transcriptase activity and suppresses replication of hepatitis C virus. In vivo, quercetin increases energy expenditure and decreases release of inflammatory cytokines. Clinically, this compound decreases blood pressure. In animal models of OVA-induced allergy, quercetin decreases levels of IL-4 and Th2 cytokines and increases levels of IFN-γ and Th1 cytokines. Quercetin also inhibits calcineurin and monoamine oxidase (MAO).

References

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