



LKT Laboratories, Inc.

Didymin

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

Product Information

Product ID D3215

CAS No. 14259-47-3

Chemical Name Isosakuranetin-7-O-rutinoside

Synonym (S)-5,7-Dihydroxy-4'-methoxyflavanone-7-B-rutinoside
Isosakuranetin

Formula C₂₈H₃₄O₁₄

Formula Wt. 594.56

Melting Point

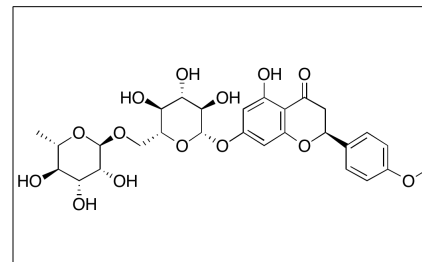
Purity ≥98%

Solubility MeOH

Store Temp Ambient

Ship Temp Ambient

Description Didymin is a flavonoid glycoside found in citrus fruits that displays antioxidative and anticancer chemotherapeutic activities. In cellular and animal models of non-small cell lung cancer (NSCLC), didymin induces Fas-mediated apoptosis and delays tumor growth. Additionally, didymin downregulates PI3K, pAkt, Akt, and vimentin expression and decreases levels of CDK4, n-Myc, and cyclins B1 and D1 in vitro. In animal models of neuroblastoma, didymin decreases tumor size.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D3215	1 mg	\$142.30
D3215	5 mg	\$562.00
D3215	10 mg	\$836.10

References Singhal J, Nagaprashantha LD, Vatsyayan R, et al. Didymin induces apoptosis by inhibiting N-Myc and upregulating RKIP in neuroblastoma. *Cancer Prev Res (Phila)*. 2012 Mar;5(3):473-83. PMID: 22174364.

Hung JY, Hsu YL, Ko YC, et al. Didymin, a dietary flavonoid glycoside from citrus fruits, induces Fas-mediated apoptotic pathway in human non-small-cell lung cancer cells in vitro and in vivo. *Lung Cancer*. 2010 Jun;68(3):366-74. PMID: 19733932.

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