



LKT Laboratories, Inc.

Monascin

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Product Information

Product ID M578522

CAS No. 21516-68-7

Chemical Name

Synonym Monascoflavin

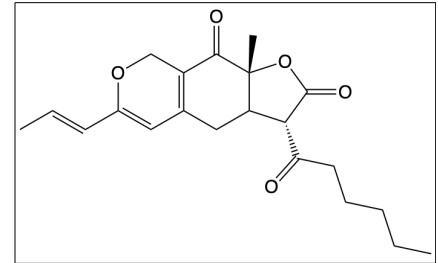
Formula $C_{21}H_{26}O_5$

Formula Wt. 358.4

Melting Point

Purity $\geq 98\%$

Solubility



Bulk quantities available upon request

Product ID Size

M578522 1 mg

M578522 5 mg

Store Temp 4° C

Ship Temp Ambient

Description Monascin is a natural product found in *Monascus purpureus*, *Monascus kaoliang*, and *Monascus pilosus*. Monascin has anti-tumor, anti-inflammatory and anti-oxidative activities.

References R-J Chen, C-M Hung, Y-L Chen, et al. Monascuspiloin induces apoptosis and autophagic cell death in human prostate cancer cells via the Akt and AMPK signaling pathways. *J Agric Food Chem.* (2012) 60:7185-93.

K-Y Chen, J-A Lin, H-YuYao, et al. Monascin accelerates anoikis in circulating tumor cells and prevents breast cancer metastasis. *Oncol Lett.* (2020) 5:166.

J-Ru Lai, Y-W Hsu, T-M Pan, et al. Monascin and Ankaflavin of *Monascus purpureus* Prevent Alcoholic Liver Disease through Regulating AMPK-Mediated Lipid Metabolism and Enhancing Both Anti-Inflammatory and Anti-Oxidative Systems. *Molecules.* (2021) 2:6301.

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