

Crocin (Gardenia Fruits Extract)

Chemical Properties

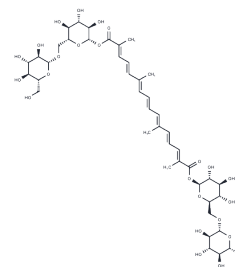
CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Crocin is a water-soluble carotenoid pigment of saffron (<i>Crocus sativus</i> L.). Crocin has anti-inflammatory, anti-oxidative, anti-apoptotic, anti-asthma, anti-cancer, and hypolipidemic effects.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 9.77 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Lu P, et al. Antitumor effects of crocin on human breast cancer cells. *Int J Clin Exp Med*. 2015 Nov 15;8(11):20316-22.

Sun Y, Wu J, Shen B, et al. Discovery of TRPV4-Targeting Small Molecules with Anti-Influenza Effects Through Machine Learning and Experimental Validation. *International Journal of Molecular Sciences*. 2025, 26(3): 1381.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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