

Product Name: γ-Mangostin

Product Number: M077

CAS Number: 31271-07-5

Molecular Formula: $C_{23}H_{24}O_6$

Molecular Weight: 396.43

Description: γ-Mangostin is a xanthone naturally occurring in the mangosteen fruit. It has been widely researched for its variety of anticancer activity, including cell proliferation inhibition, aromatase inactivation for the treatment of breast cancer, chemopreventative and antimetastatic activity, enhancement of natural killer (NK) cells, and prostoglandin-based anti-inflammatory activity. It has also shown promising inhibition of HIV infection.

γ-Mangostin is soluble in alcohol or ether, and practically insoluble in water.

TOKU-E also offers:

- α-Mangostin (M076)

References: Chang, H., & Yang, L. (2012). Gamma-Mangostin, a Micronutrient of Mangosteen Fruit, Induces Apoptosis in Human Colon Cancer Cells. *Molecules*, 17(12), 8010-8021. doi:10.3390/molecules17078010