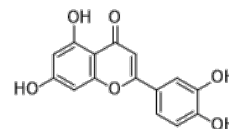


Product Name : Luteolin
Cat. No. : PC-25206
CAS No. : 491-70-3
Molecular Formula : C₁₅H₁₀O₆
Molecular Weight : 286.24
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



Biological Activity

Luteolin (Luteoline) is a flavanoid, potent Nrf2 inhibitor, also binds to PRDX2, inhibiting the JAK2/STAT3 pathway, has anti-inflammatory, anti-cancer properties, including the induction of apoptosis and cell cycle arrest, and the inhibition of metastasis and angiogenesis.

References

- Ma L, et al. Mol Med Rep. 2015 Sep;12(3):4196-4202.
Xiuwen Tang, et al. Free Radic Biol Med. 2011 Jun 1;50(11):1599-609.
Li X, et al. Eur J Pharmacol. 2025 Jul 23:177984.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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