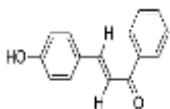


**PRODUCT: 4'-Hydroxychalcone****ALTERNATE NAMES:** 2-Benzal-4'-hydroxyacetophenone;2-Benzylidene-4'-hydroxyacetophenone; NSC242264**CATALOG NUMBER:** B1921-250, 1000**AMOUNT:** 250 mg, 1 g**STRUCTURE:****MOLECULAR FORMULA:** C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 224.3**CAS NUMBER:** 2657-25-2**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (~30 mg/ml)**PURITY:** ≥95% by GC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** 4'-Hydroxy chalcone is a chalcone metabolite with diverse biological activities. 4'-Hydroxychalcone inhibits TNF $\alpha$ -induced NF- $\kappa$ B pathway activation in a dose-dependent manner. Also known to activate BMP signaling.**REFERENCES:** Vrijens, K., *et al.* (2013). *PLoS One* **8**, e59045 doi.10.1371/**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Andrographolide (Cat. No. 2389-50, 250)

BAY 11-7082 (Cat. No. 1867-10, 50)

BMP-4 (human) ELISA Kit (for lysates) (Cat. No. K4746-100)

BMP-4 (human) ELISA Kit (Cat. No. K4745-100)

Human CellExp™ BMP-4, Human Recombinant (Cat. No. 6445-10,50)

BMS-345541 (Free base) (B1907)

Celastrol (Cat. No. 1940-5, 25)

Dimethyl fumarate (Cat. No. 9660-100, 500)

Honokiol (Cat. No. 1762-10, 50)

ML130 (Cat. No. 1974-5, 25)

NSC 146109 hydrochloride (Cat. No. 1907-5)

Nutlin-3 (Cat. No. 1842-1, 5)

Parthenolide (Cat. No. 1868-10,50)

PDTC (Cat. No. 1676-100)

PS-1145 (Cat. No. 9671-5, 25)

Rocaglamide (Cat. No. 1863-100)

SC-514 (Cat. No. 2442-5, 25)

Sauchinone (Cat. No. 2312-1, 5)

TPCA-1 (Cat. No. 2431-5, 25)

Triptolide (Cat. No. 1761-1,5)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**