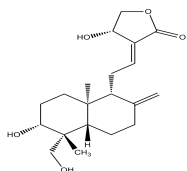


PRODUCT: Andrographolide

CATALOG #: 2389-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₀H₃₀O₆

MOLECULAR WEIGHT: 350.45

CAS NUMBER: 5508-58-7

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~25 mg/ml) or EtOH (~ 8 mg/ml)

PURITY: ≥98% by NMR

STORAGE: At -20°C. Protect from light and air

DESCRIPTION: A major bioactive component of the medicinal plant *Andrographis paniculate*. Demonstrates anti-inflammatory anti-apoptotic, anti-viral and anti-proliferative effects *in vitro* and *in vivo*. Prevents hyperglycemia in rat diabetes model. Irreversible antagonist of NK-κB and AP-1 (IC₅₀ = 15 μM)

REFERENCE: Zhu, T., *et al.* (2013). *PLoS One* **8**, e56407; Xia, Y.F., *et al.* (2004). *J. Immunol.* **173**, 4207-4217.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

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

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

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)

Rocaglamide (Cat. No. 1863-100)

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

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

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