Hello Bio. Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Wedelolactone

Product overview

Name Wedelolactone Cat No HB4124 **Purity** >98%

Description Selective IKKα and IKKβ kinase activity inhibitor. NF-κB inhibitor.

Biological Data

Biological description

Cell permeable, selective and irreversible IKKalpha and beta kinase activity inhibitor. NF-kappaB inhibitor. Blocks phosphorylation and degradation of IkappaBalpha. Antihepatotoxic. 5-Lipoxygenase (5-LOX) inhibitor. Anti-inflammatory. HIV-1 integrase inhibitor. Anticancer and antiproliferative compound. Modulates androgen receptor (AR) activation. Apoptosis inducer via downregulation of PKCepsilon. DNA topoisomerase IIalpha inhibitor. G protein-coupled receptor-35 (GPR35) agonist. Inhibits adipogenic differentiation of mesenchymal stem cells (hAMSCs) through ERK pathway. STAT1 protein dephosphorylation inhibitor. Antifibrotic.

Solubility & Handling

Storage instructions

Storage of solutions

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name Molecular Weight **Chemical structure** 7-Methoxy-5,11,12-trihydroxy-coumestan

314.2

CAS Number PubChem identifier

SMILES InChiKey **Appearance** 524-12-9 COc1cc(O)c2c(OC(=O)c3c2oc4cc(O)c(O)cc34)c1

XQDCKJKKMFWXGB-UHFFFAOYSA-N Yellow to amber crystalline powder