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DATASHEET

Wedelolactone

Product overview

Name	Wedelolactone
Cat No	HB4124
Purity	>98%
Description	Selective IKK α and IKK β kinase activity inhibitor. NF- κ B inhibitor.

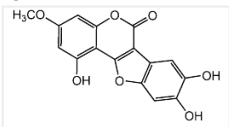
Biological Data

Biological description	Cell permeable, selective and irreversible IKK α and beta kinase activity inhibitor. NF- κ B inhibitor. Blocks phosphorylation and degradation of I κ B α . 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 PKC ϵ . DNA topoisomerase II α inhibitor. G protein-coupled receptor-35 (GPR35) agonist. Inhibits adipogenic differentiation of mesenchymal stem cells (hAMSCs) through ERK pathway. STAT1 protein dephosphorylation inhibitor. Antifibrotic.
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Solubility & Handling

Storage instructions	+4 °C
Important	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	7-Methoxy-5,11,12-trihydroxy-coumestan
Molecular Weight	314.2
Chemical structure	
CAS Number	524-12-9
PubChem identifier	0
SMILES	<chem>COc1cc(O)c2c(OC(=O)c3c2oc4cc(O)c(O)cc34)c1</chem>
InChiKey	XQDCKJJKMFWXGB-UHFFFAOYSA-N
Appearance	Yellow to amber crystalline powder