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DATASHEET

Eupatilin

Product overview

Name	Eupatilin
Cat No	HB3894
Purity	>98%
Description	Selective 5-lipoxygenase (5-LOX) inhibitor

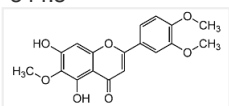
Biological Data

Biological description	Selective inhibitor of 5-lipoxygenase. Apoptosis and cell cycle arrest inducer. Anticancer compound. Inhibits ERK1/2, JNK, and NF-kappaB activation and expression of Raf-1 and Ras. Anti-proliferative compound. Anti-inflammatory and immunosuppressive. Anti-apoptotic compound in hepatocytes. Antioxidant. Antidiabetic. Enhances hepatic and plasma glucose metabolism and increases insulin secretion in type 2 diabetic mice. Inhibits angiogenesis by blocking STAT3 and VEGF expression. Neuroprotective. PI3K Class I, MKK3/6 and MKK4 inhibitor.
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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	5,7-Dihydroxy-3',4',6-trimethoxyflavone
Molecular Weight	344.3
Chemical structure	
CAS Number	22368-21-4
PubChem identifier	0
SMILES	<chem>COc1ccc(cc1OC)C2=CC(=O)c3c(O)c(OC)c(O)cc3O2</chem>
InChiKey	DRRWBCNQOKKKOL-UHFFFAOYSA-N
Appearance	Pale yellow powder