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DATASHEET

Wogonin

Product overview

Name	Wogonin
Cat No	HB4126
Purity	>98%
Description	Cell permeable COX-2 inhibitor. Increase NO production.

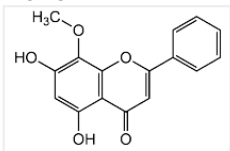
Biological Data

Biological description	Anti-inflammatory. Increases nitric oxide (NO) production. Inhibits PGE2, cyclooxygenase-2 (COX-2) and inducible nitric oxide synthase (iNOS; NOS II). Antioxidant. Anti-viral. Shows anti-hepatitis B virus activity. MCP-1 inhibitor. Shows anxiolytic effect through modulation of the GABA(A) receptor complex. Antifungal. Neuroprotective. Anticancer compound. Apoptosis and cell cycle arrest inducer. Sensitizes TNFalpha- and TRAIL-induced apoptosis. Antiangiogenic. NF-kappaB inhibitor. Telomerase activity inhibitor. CDK9 inhibitor. PI3K-AKT pathway modulator. Autophagy inducer.
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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-8-methoxyflavone
Molecular Weight	284.3
Chemical structure	
CAS Number	632-85-9
PubChem identifier	0
SMILES	<chem>COc1c(O)cc(O)c2C(=O)C=C(Oc12)c3ccccc3</chem>
InChiKey	XLTFNNCXVBYBSX-UHFFFAOYSA-N
Appearance	Yellow solid