

Apigenin

Art. ID TRC-A726500-50MG
Unit 50 mg
Deliverydetails No Dangerous Good /not restricted

Description

Category: Inhibitors /// Appearance: Yellow Solid /// Application Notes: Induces the reversion of transformed phenotypes of v-H-ras-transformed NIH 3T3 cells at low concentration (12.5 uM) by inhibiting MAP kinase activity. Also inhibits the proliferation of malignant tumor cells by G2/M arrest and induces morphological differentiation. Apigenin has also been reported to enhance the gap junction intracellular communication in liver cells. ϵ_{max} ethanol: 269, 340 nm ($\epsilon = 18,800, 20,900$) moderately sol. in hot alcohol /// References: Chaumontet, C., et al.: Carcinogenesis, 15, 2325 (1994), Sato, F., et al.: Biochem. Biophys. Res. Commun., 204, 578 (1994), Kuo, M.L. et al.: Biochem. Biophys. Res. Commun., 212, 767 (1995)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Apigenin	[520-36-5]				