

Product Name:	Apigenin (from Apium graveolens)
Product Number:	A106
CAS Number:	520-36-5
Molecular Formula:	$C_{15}H_{10}O_5$
Molecular Weight:	270.24
Appearance:	Light yellow powder
Storage Conditions:	$\leq 30^{\circ}\text{C}$
Description:	Apigenin is a natural occurring plant flavone and has antioxidant, anticancer, and anti-inflammatory properties.
Mechanism of Action:	Apigenin is a ornithine decarboxylase inhibitor which promotes tumor growth and production. Apigenin also has been shown to inhibit nitric oxide synthase-2 and cyclooxygenase-2 activity in mouse macrophages. Several studies have demonstrated many other modes of action that account for the anti-cancer and anti-inflammatory properties of apigenin.
References:	Shukla, Sanjeev, and Sanjay Gupta. "Apigenin: A Promising Molecule for Cancer Prevention." Pharm Res Pharmaceutical Research 27.6 (2010): 962-78.