

<b>Product Name:</b>	Apigenin (from Matricaria recutita)
<b>Product Number:</b>	A107
<b>CAS Number:</b>	520-36-5
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>10</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	270.24
<b>Storage Conditions:</b>	≤30°C
<b>Description:</b>	Apigenin is a natural occurring plant flavone and has antioxidant, anticancer, and anti-inflammatory properties.
<b>Mechanism of Action:</b>	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.
<b>References:</b>	Shukla, Sanjeev, and Sanjay Gupta. "Apigenin: A Promising Molecule for Cancer Prevention." Pharm Res Pharmaceutical Research 27.6 (2010): 962-78.