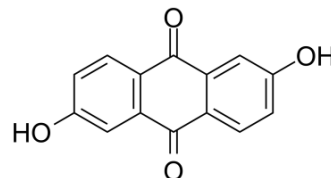


## Anthraflavic acid

Cat. No.:	HY-W006230
CAS No.:	84-60-6
Molecular Formula:	C <sub>14</sub> H <sub>8</sub> O <sub>4</sub>
Molecular Weight:	240.21
Target:	Others
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### BIOLOGICAL ACTIVITY

#### Description

Anthraflavic acid, a flavonoid, is a potent IQ mutagenicity inhibitor by virtue of its ability to inhibit both its microsomal and cytosolic activation pathways. Anthraflavic acid is a potent and specific cytochrome P-448 inhibitor activity an enzyme system closely associated with the activation of many chemical carcinogens<sup>[1]</sup>.

### REFERENCES

[1]. Ayrton AD, et al. Anthraflavic acid inhibits the mutagenicity of the food mutagen IQ: mechanism of action. Mutat Res. 1988 Mar-Apr;207(3-4):121-5.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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