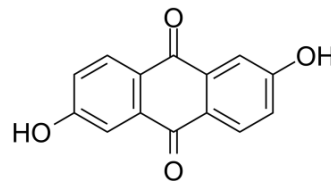


Anthraflavic acid

Cat. No.:	HY-W006230		
CAS No.:	84-60-6		
Molecular Formula:	C ₁₄ H ₈ O ₄		
Molecular Weight:	240.21		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



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^[1].

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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