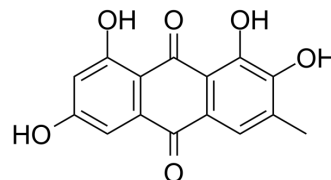


2-Hydroxyemodin

Cat. No.:	HY-N10322
CAS No.:	641-90-7
Molecular Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.24
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

2-Hydroxyemodin is an active metabolite of emodin in the hepatic microsomes. Emodin is an anthraquinone present in fungal metabolites and constituent of rhubarb. 2-Hydroxyemodin proves to be mutagenic to *Salmonella typhimurium* TA1537 in the absence of activation system^[1].

REFERENCES

[1]. Masuda T, et al. 2-Hydroxyemodin, an active metabolite of emodin in the hepatic microsomes of rats. *Mutat Res.* 1985;149(3):327-332.

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

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