

Product Information

Emodin anthrone

Cat. No.: X22-05-ZQ736

Size: 5 mg; 10 mg; 20 mg

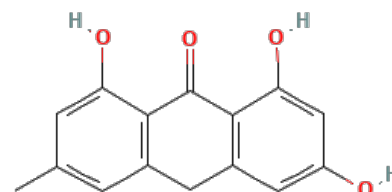
CAS Number: 491-60-1

Compound CID: 122635

Synonym: 491-60-1; Emodin anthrone; Emodinanthrone;

1,3,8-Trihydroxy-6-methyl-10*H*-anthracen-9-one

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Emodin anthrone is the secondary metabolite with antimicrobial activity against bacteria and fungi. This product is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Molecular Weight	256.257
Molecular Formula	C ₁₅ H ₁₂ O ₄
IUPAC Name	1,3,8-Trihydroxy-6-methyl-10 <i>H</i> -anthracen-9-one
InChI	InChI=1S/C15H12O4/c1-7-2-8-4-9-5-10(16)6-12(18)14(9)15(19)13(8)11(17)3-7/h2-3,5-6,16-18H,4H2,1H3
InChI Key	LAJSXCAVRQXZIO-UHFFFAOYSA-N
Canonical SMILES	CC1=CC2=C(C(=C1)O)C(=O)C3=C(C2)C=C(C=C3O)O
Form	Powder
Purity	≥98%, determined by HPLC.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Emodin anthrone is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Storage	Store at 4°C. Protect from light.

Safety Information



**Personal Protective
Equipment** Gloves, eyeshields, N95 mask
