



Product Information

Juglone

Cat. No.: X22-05-ZQ145

Size: 20 mg; 50 mg; 100 mg; 200 mg

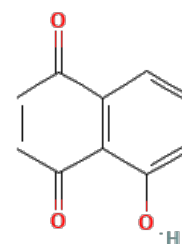
MDL: MFCD00001684

CAS Number: 481-39-0

Compound CID: 3806

Synonym: 481-39-0; Juglone; 5-Hydroxynaphthalene-1,4-dione

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



Product Information

Description	Juglone, a naphthoquinone, has moderate antifungal activity and growth-stimulating effects on many types of plants. It sometimes can be used as an herbic, as a dye for cloth and inks, and as a coloring agent for foods and cosmetics. This product is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Molecular Weight	174.155
Molecular Formula	C ₁₀ H ₆ O ₃
IUPAC Name	5-Hydroxynaphthalene-1,4-dione
InChI	InChI=1S/C10H6O3/c11-7-4-5-9(13)10-6(7)2-1-3-8(10)12/h1-5,12H
InChI Key	KQPYUDDGWXQXHS-UHFFFAOYSA-N
Canonical SMILES	C1=CC2=C(C(=O)C=CC2=O)C(=C1)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	Juglone 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 Gloves, eyeshields, N95 mask



Equipment
