



Product Information

Propyl gallate

Cat. No.: X22-05-ZQ046

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

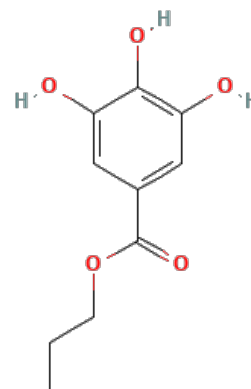
MDL: MFCD00002196

CAS Number: 121-79-9

Compound CID: 4947

Synonym: 121-79-9; Propyl gallate; Propyl 3,4,5-trihydroxybenzoate; Propyl 3,4,5-trihydroxybenzoate

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



Product Information

Description	Propyl gallate is an ester of the antioxidant gallic acid. It functions as an antioxidant and helps protect the fats and oils used in cosmetics from becoming rancid.
Molecular Weight	212.201
Molecular Formula	C ₁₀ H ₁₂ O ₅
IUPAC Name	Propyl 3,4,5-trihydroxybenzoate
InChI	InChI=1S/C10H12O5/c1-2-3-15-10(14)6-4-7(11)9(13)8(12)5-6/h4-5,11-13H,2-3H2,1H3
InChI Key	ZTHYODDOHIVTJV-UHFFFAOYSA-N
Canonical SMILES	CCCOC(=O)C1=CC(=C(C(=C1)O)O)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	Propyl gallate can be used as an antioxidant in the research of cosmetics.
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask