



Formula: C₉H₁₀O₂

MW: 150.18

CAS: 70-70-2

MDL NUMBER: MFCD00002361

IUPAC: 1-(4-hydroxyphenyl)propan-1-one

Smiles: C(c1ccc(cc1)O)(=O)CC

THERAPEUTIC CATEGORY: Pituitary gonadotropic hormone inhibitor

ACCEPTORS: 2

DONORS: 1

ROTATION BONDS: 2

N+O: 2

Chiral Centers: 0

LogP: 1.86

LogS: -3.06

LIPINSKI: 4

Synonyms: P-HYDROXYPROPIOPHENONE;P-HYDROXYL
PROPIOPHENONE;P-METHOXYACETOPHENONE;PAROXYPROPIONE;PARA METHOXY
ACETOPHENONE;VANATONE;1-(4-hydroxyphenyl)-1-propanon;1-(4-Hydroxyphenyl)-1-propan
one

CAS:70-70-2

MF:C9H10O2

MW:150.17

EINECS:202-815-9

Product Categories:Acetophenone Series;Aromatic Propiophenones (substituted);C9;Carbonyl
Compounds;Ketones 4'-Hydroxypropiophenone

Chemical Properties: mp 36-38 C(lit.) bp 152-154 C/26 mm Hg(lit.) Fp >230 F solubility
methanol: 0.1 g/mL, clear Water Solubility 0.34 g/l (15 C) Merck 14,7044 BRN 907511

CAS DataBase Reference: 70-70-2(

CAS DataBase Reference:) NIST Chemistry Reference1-Propanone,
1-(4-hydroxyphenyl)-(70-70-2) EPA Substance Registry System1-Propanone,
1-(4-hydroxyphenyl)-(70-70-2) Xn,Xi Risk Statements 36/37/38 Safety Statements
37-24/25-36-26 WGK Germany 3 RTECS UH1925000 HS Code 29145000 Hazardous
Substances Data70-70-2(Hazardous Substances Data) 4'-Hydroxypropiophenone
4'-Hydroxypropiophenone

Usage And Synthesis:

Chemical Properties: white powder UsageIntermediates of Liquid Crystals
4'-Hydroxypropiophenone

