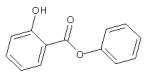

Formula: C13H10O3

MW: 214.22

CAS: 118-55-8

MDL NUMBER: MFCD00002213

IUPAC: phenyl 2-hydroxybenzoate

Smiles: C(c1c(O)cccc1)(Oc1ccccc1)=O

THERAPEUTIC CATEGORY: Analgesic, antipyretic, anti-inflammatory

VET THERAP CATEGORY: antipyretic, antiseptic

ACCEPTORS: 3

DONORS: 1

ROTATION BONDS: 3

N+O: 3

Chiral Centers: 0

LogP: 3.78

LogS: -4

LIPINSKI: 4

Synonyms:
2-hydroxy-benzoicaciphenylester;2-Phenoxycarbonylphenol;Benzoicacid,2-hydroxy-,phenylester;Fenylester kyseliny salicylove;fenylesterkyselinysalicylove;Musol;Phenol salicylate;Salphenyl

CAS:118-55-8

MF:C13H10O3

MW:214.22

EINECS:204-259-2

Product Categories:Aromatic Esters;Functional Materials;Liquid Crystals & Related Compounds;Phenyl Esters (Liquid Crystals) Phenyl salicylate

Chemical Properties: mp 41-43 C(lit.) bp 172-173 C12 mm Hg(lit.) density 1.250g/cm3 FEMA 3960 Fp >230 F solubility dioxane: 0.1 g/mL, clear, colorless Merck 14,7310 BRN 393969 Stability:Light sensitive. Incompatible with strong oxidants. Flammable.

CAS DataBase Reference: 118-55-8(

CAS DataBase Reference:) NIST Chemistry ReferenceBenzoic acid, 2-hydroxy-, phenyl ester(118-55-8) EPA Substance Registry SystemBenzoic acid, 2-hydroxy-, phenyl ester(118-55-8) Xi Risk Statements 36/37/38 Safety Statements 26-36-24/25 WGK Germany 2 RTECS VO6125000 Disperse Dye Blue EXSF Phenyl salicylate

Usage And Synthesis:

Chemical Properties: white crystalline solid with an aromatic odour General DescriptionWhite crystals. Insoluble in water. Air & Water ReactionsInsoluble in water. Reactivity ProfileIncompatible with bromine water, ferric salts, camphor, phenol, chloral hydrate, monobrominated camphor, thymol, or urethane in trituration. . Fire HazardFlash point data for Phenyl salicylate are not available, however Phenyl salicylate is probably combustible. Phenyl salicylate