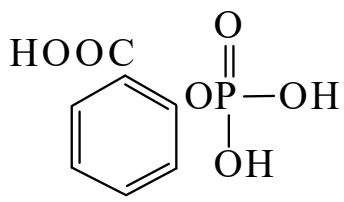
>>**Entry Name: 2-(Phosphonooxy)benzoic acid,** 9CI
Synonym(s): Salicylic acid dihydrogen phosphate, 8CI. **Fosfosal,** INN



CAS Registry Number: 6064-83-1

Molecular Formula: $C_7H_7O_6P$
Molecular Weight: 218.102
Accurate Mass: 217.998027
Percentage Composition: C 38.55%; H 3.23%; O 44.01%; P 14.20%
Use/Importance: Nonnarcotic analgesic with antiinflammatory and antipyretic props.
Physical Description: Solid
Development Status: Launched 1984
Melting Point: Mp 168-170°
Hazard & Toxicity: LD_{50} (rat, orl) 1104 mg/kg

Sigma: C9250

>>**Derivative:** Mono-Na salt

Physical Description: Solid
Melting Point: Mp 172-175°

>>**Derivative:** Di-Na salt

Physical Description: Solid
Melting Point: Mp 350°

>>**Derivative:** Tri-Na salt

Physical Description: Solid
Melting Point: Mp 350°

>>**Derivative:** Tri-Me ester
Synonym(s): Methyl [2-(dimethoxyphosphinyl)oxy]benzoate

Molecular Formula: $C_{10}H_{13}O_6P$
Molecular Weight: 260.183
Accurate Mass: 260.044977
Percentage Composition: C 46.16%; H 5.04%; O 36.90%; P 11.90%
Physical Description: Liq.
Boiling Point: $Bp_{0.05}$ 132°
Refractive Index: n_D^{29} 1.5020

>>**Derivative:** Tri-Et ester
Synonym(s): Ethyl [2-(diethoxyphosphinyl)oxy]benzoate. Salicylic acid ethyl ester, diethyl phosphate, 8CI

CAS Registry Number: 32565-98-3

Molecular Formula: $C_{13}H_{19}O_6P$
Molecular Weight: 302.263
Accurate Mass: 302.091927
Percentage Composition: C 51.66%; H 6.34%; O 31.76%; P 10.25%
Physical Description: Liq.
Boiling Point: $Bp_{0.008}$ 126-128°
Density: d_4^{20} 1.19
Refractive Index: n_D^{20} 1.4832