



Molecular Weight: 493.611
Accurate Mass: 494.191037
Percentage Composition: C 38.93%; H 6.13%; O 12.97%; Pb 41.98%
Physical Description: Cryst. (EtOH) or leaflets
Melting Point: Mp 83.5-84.5°
Solubility: Sol. EtOH; sl. sol. Et₂O (0.094g per 100 cm³); insol. H₂O

>>Derivative: Co(II) salt

CAS Registry Number: 1588-79-0
Extra CAS Registry Numbers(s): 6700-85-2
Molecular Formula: C₁₆H₃₀CoO₄
Molecular Weight: 345.344
Accurate Mass: 345.147608
Percentage Composition: C 55.65%; H 8.76%; Co 17.07%; O 18.53%
Physical Description: Cryst.
Melting Point: Mp 87°

>>Derivative: (Previously 33133- -18) Cu salt
Synonym(s): Copper octanoate. NEU1140F Copper Soap

CAS Registry Number: 20543-04-8
Biological Use/Importance: Fungicide, bactericide, algicide
Physical Description: Solid
Hazard & Toxicity: LD₅₀ (rat, orl) >2000 mg/kg

>>Derivative: Cu(II) salt

CAS Registry Number: 3890-89-9
Extra CAS Registry Numbers(s): 20543-04-8
Molecular Formula: C₁₆H₃₀CuO₄
Molecular Weight: 349.957
Accurate Mass: 349.154008
Percentage Composition: C 54.91%; H 8.64%; Cu 18.16%; O 18.29%
Physical Description: Blue cryst. (xylene)
Melting Point: Mp 125°. Mp 246-266°

>>Derivative: Zn salt

CAS Registry Number: 557-09-5
Molecular Formula: C₁₆H₃₀O₄Zn
Molecular Weight: 351.801
Accurate Mass: 350.143555
Percentage Composition: C 54.63%; H 8.59%; O 18.19%; Zn 18.59%
Use/Importance: Fungicide
Physical Description: Scales (EtOH)
Melting Point: Mp 136°

>>Derivative: Cd salt

CAS Registry Number: 2191-10-8
Molecular Formula: C₁₆H₃₀CdO₄
Molecular Weight: 398.822
Accurate Mass: 400.117767
Percentage Composition: C 48.19%; H 7.58%; Cd 28.19%; O 16.05%
Physical Description: Cryst.
Melting Point: Mp 122-123°

References: