

# Acetic acid, lead(2+) salt

|                      |   |
|----------------------|---|
| Other names:         | Acetic acid lead salt (2:1)                               |
|                      | Dibasic lead acetate                                      |
|                      | Goulard powder  |
|                      | Lead acetate  |
|                      | Lead acetate (pb(ac)2)                                    |
|                      | Lead acetate (pb(o2c2H3)2)                                |
|                      | Lead acetate (pb(oac)2)                                   |
|                      | Lead diacetate  |
|                      | Lead dibasic acetate                                      |
|                      | Lead(ii) acetate  |
|                      | Ledac   |
|                      | Neutral lead acetate                                      |
|                      | Normal lead acetate                                       |
|                      | Plumbous acetate  |
|                      | Salt of saturn  |
|                      | Sugar of Saturn   |
|                      | Sugar of lead   |
|                      | lead(2+) acetate  |
|                      | sal Saturni   |
| Inchi:               | InChI=1S/2C2H4O2.Pb/c2*1-2(3)4;/h2*1H3,(H,3,4);/q;;+2/p-2 |
| InchiKey:            | GUWSLQUAAYEZAF-UHFFFAOYSA-L                               |
| Formula:             | C4H6O4Pb  |
| SMILES:              | CC(=O)[O-].CC(=O)[O-].[Pb]                                |
| Mol. weight [g/mol]: | 325.30  |
| CAS:                 | 301-04-2  |

## Physical Properties

| Property code | Value | Unit   | Source   |
|---------------|-------|--------|--|
| hfus          | 15.80 | kJ/mol | Short chain lead (II) alkanoates as ionic liquids and glass formers: A d.s.c., X-ray diffraction and FTIR spectroscopy study |

# Sources

Short chain lead (II) alkanoates as ionic liquids and glass formers: A d.s.c., NMR, IR, Raman and FTIR spectroscopy study: <https://www.doi.org/10.1016/j.jct.2006.07.023>  
NIST Webbook <http://webbook.nist.gov/cgi/cbook.cgi?ID=C301042&Units=SI>

## Legend

**hfus:** Enthalpy of fusion at standard conditions

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