

# lead dimyristate

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Other names:         | Lead(II) n-tetradecanoate                                                        |
| Inchi:               | InChI=1S/2C14H28O2.Pb/c2*1-2-3-4-5-6-7-8-9-10-11-12-13-14(15)16;/h2*2-13H2,1H3,( |
| InchiKey:            | ZZSLTNOFMWYBTR-UHFFFAOYSA-L                                                      |
| Formula:             | C28H54O4Pb                                                                       |
| SMILES:              | CCCCCCCCCCCCCCCC(=O)[O-].CCCCCCCCCCCCCCCC(=O)[O-].[PbH6+2]                       |
| Mol. weight [g/mol]: | 661.90                                                                           |
| CAS:                 | 32112-52-0                                                                       |

## Temperature Dependent Properties

| Property code | Value  | Unit    | Temperature [K] | Source       |
|---------------|--------|---------|-----------------|--------------|
| hfust         | 59.10  | kJ/mol  | 372.20          | NIST Webbook |
| sfust         | 159.00 | J/mol×K | 372.20          | NIST Webbook |

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C32112520&Units=SI>

## Legend

**hfust:** Enthalpy of fusion at a given temperature  
**sfust:** Entropy of fusion at a given temperature

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