

Mercury di-n-butyl

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|-----------------------------|--|
| Other names: | (n-C ₄ H ₉) ₂ Hg Mercury, dibutyl- Dibutylmercury Dibutylrtut Di-n-butyl mercury |
| Inchi: | InChI=1S/2C ₄ H ₉ .Hg/c2*1-3-4-2;/h2*1,3-4H2,2H3; |
| InchiKey: | CCYKQVBIPYDCKS-UHFFFAOYSA-N |
| Formula: | C ₈ H ₁₈ Hg |
| SMILES: | CCCC[Hg]CCCC |
| Mol. weight [g/mol]: | 314.82 |
| CAS: | 629-35-6 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-----------------|--------|--------------|
| chl | -5622.90 ± 6.30 | kJ/mol | NIST Webbook |
| hf | -32.40 ± 7.70 | kJ/mol | NIST Webbook |
| hfl | -97.70 ± 6.40 | kJ/mol | NIST Webbook |
| hvap | 65.30 ± 4.20 | kJ/mol | NIST Webbook |
| ie | 8.35 | eV | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C629356&Units=SI>

Legend

| | |
|--------------|---|
| chl: | Standard liquid enthalpy of combustion |
| hf: | Enthalpy of formation at standard conditions |
| hfl: | Liquid phase enthalpy of formation at standard conditions |
| hvap: | Enthalpy of vaporization at standard conditions |
| ie: | Ionization energy |

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