# Thallium (I) n-decanoate

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|---|---|
| **Inchi:** | InChI=1S/C10H20O2.Tl/c1-2-3-4-5-6-7-8-9-10(11)12;/h2-9H2,1H3,(H,11,12);/q;+1/p-1 |
| **InchiKey:** | XAWVHDDVQUWAQJ-UHFFFAOYSA-M |
| **Formula:** | C10H19O2Tl |
| **SMILES:** | CCCCCCCCCC(=O)[O-].[Tl] |
| **Mol. weight [g/mol]:** | 375.64 |
| **CAS:** | 18993-51-6 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| ss | 403.30 | J/mol×K | NIST Webbook |
| ss | 451.06 | J/mol×K | NIST Webbook |

## Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| cps | 426.50 | J/mol×K | 300.00 | NIST Webbook |
| cps | 471.84 | J/mol×K | 298.15 | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C18993516&Units=SI

## Legend

| | |
|---|---|
| **cps:** | Solid phase heat capacity |
| **ss:** | Solid phase molar entropy at standard conditions |

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