

# Trimethylindium

<b>Other names:</b>	Indium, trimethyl-
<b>Inchi:</b>	InChI=1S/3CH3.In/h3*1H3;
<b>InchiKey:</b>	IBEFSUTVZWZJEL-UHFFFAOYSA-N
<b>Formula:</b>	C <sub>3</sub> H <sub>9</sub> In
<b>SMILES:</b>	C[In](C)C
<b>Mol. weight [g/mol]:</b>	159.92
<b>CAS:</b>	3385-78-2

## Physical Properties

Property code	Value	Unit	Source
hf	208.60 ± 9.90	kJ/mol	NIST Webbook
hfs	160.10 ± 9.60	kJ/mol	NIST Webbook
hsub	48.50 ± 2.50	kJ/mol	NIST Webbook
hsub	48.50 ± 2.50	kJ/mol	NIST Webbook

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	14.30	kJ/mol	358.70	NIST Webbook
hfust	14.30	kJ/mol	358.70	NIST Webbook
hfust	14.30	kJ/mol	358.70	NIST Webbook
hsubt	62.70	kJ/mol	293.50	NIST Webbook
hsubt	57.70	kJ/mol	345.00	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3385782&Units=SI>

# Legend

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hfs:</b>	Solid phase enthalpy of formation at standard conditions
<b>hfust:</b>	Enthalpy of fusion at a given temperature
<b>hsub:</b>	Enthalpy of sublimation at standard conditions
<b>hsubt:</b>	Enthalpy of sublimation at a given temperature

Latest version available from:

<https://www.cheméo.com/cid/32-773-8/Trimethylindium.pdf>

Generated by Cheméo on 2022-09-27 03:52:34.516404662 +0000 UTC m=+27876.407640297.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.