

Titanium, bis(«eta»5-2,4-cyclopentadien-1-yl)dimethyl-

Other names: bis(cyclopentadienyl)dimethyltitanium
Inchi: InChI=1S/2C5H5.2CH3.Ti/c2*1-2-4-5-3-1;;;/h2*1-5H;2*1H3;
InchiKey: QWHJQOJNNKDPBE-UHFFFAOYSA-N
Formula: C12H16Ti
SMILES: C[Ti]12345678(C)(C9C1C2C3C94)C1C5C6C7C18
Mol. weight [g/mol]: 208.12
CAS: 1271-66-5

Physical Properties

Property code	Value	Unit	Source
chs	-8008.20 ± 8.40	kJ/mol	NIST Webbook
chs	-7924.50 ± 8.40	kJ/mol	NIST Webbook
hf	53.00 ± 13.00	kJ/mol	NIST Webbook
hf	51.00 ± 12.00	kJ/mol	NIST Webbook
hf	135.00 ± 12.00	kJ/mol	NIST Webbook
hfs	-28.30 ± 8.60	kJ/mol	NIST Webbook
hfs	55.40 ± 8.60	kJ/mol	NIST Webbook
hfs	-26.80 ± 9.70	kJ/mol	NIST Webbook
hsub	79.50 ± 8.40	kJ/mol	NIST Webbook
hsub	79.50 ± 8.40	kJ/mol	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1271665&Units=SI>

Legend

chs: Standard solid enthalpy of combustion
hf: Enthalpy of formation at standard conditions
hfs: Solid phase enthalpy of formation at standard conditions
hsub: Enthalpy of sublimation at standard conditions

Latest version available from:

<https://www.chemeo.com/cid/27-378-3/Titanium-bis-eta-5-2-4-cyclopentadien-1-yl-dimethyl.pdf>

Generated by Cheméo on 2025-12-05 09:03:39.157603897 +0000 UTC m=+4673616.687644622.

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