

Praseodymium, tris(2,2,6,6-tetramethyl-3,5-heptanedionato-O,O')-, (OC-6-11)-

Other names:

Resolve-al PR

Praseodymium(III)-tris-2,2,6,6-tetramethyl-3,5-heptanedione

Praseodymium-2,2,6,6-tetramethyl-3,5-heptanedioate

Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)praseodymium(III)

Praseodymium, tris(2,2,6,6-tetramethyl-3,5-heptanedionato)-

Tris(dipivalomethanato)praseodymium

Tris(dipivaloylmethanato)praseodymium

Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)praseodymium

praseodymium (THD)3

tris(2,2,6,6-tetramethylheptane-3,5-dionato-O,O')praseodymium

tris(2,2,6,6-tetramethylpentane-2,4-dionato)praseodymium(III)

Inchi: InChI=1S/3C11H20O2.Pr/c3*1-10(2,3)8(12)7-9(13)11(4,5)6;/h3*7,12H,1-6H3;/q;;;+3/p-3/

InchiKey: HDONDLBRVFKILD-LWTKGLMZSA-K

Formula: C33H57O6Pr

SMILES: CC(C)(C)C(=O)C=C([O-])C(C)(C)C.CC(C)(C)C(=O)C=C([O-])C(C)(C)C.CC(C)(C)C(=O)C=C([O-])C(C)(C)C

Mol. weight [g/mol]: 690.71

CAS: 15492-48-5

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	178.70	kJ/mol	403.00	NIST Webbook
hsubt	165.40	kJ/mol	472.50	NIST Webbook
hvapt	109.20	kJ/mol	512.50	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C15492485&Units=SI>

Legend

hsubt: Enthalpy of sublimation at a given temperature

hvapt: Enthalpy of vaporization at a given temperature

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