Thallium, («eta»5-2,4-cyclopentadien-1-yl)-

Other names:	Thallium, «pi»-cyclopentadienyl-
	Cyclopentadienylthallium
	Thallium cyclopentadienide
	Thallous cyclopentadienide
	Thallium(I) cyclopentadienide
	2-Cyclopentadienyl thallium
	Thallium, 2,4-cyclopentadien-1-yl-
Inchi:	InChI=1S/C5H5.Tl/c1-2-4-5-3-1;/h1-5H;
InchiKey:	RKLJDPOVAWGBSD-UHFFFAOYSA-N
Formula:	C5H5Tl
SMILES:	[TlH2]C1C=CC=C1
Mol. weight [g/mol]:	269.48
CAS:	34822-90-7

Physical Properties

Property code	Value	Unit	Source
hfs	101.20 ± 2.60	kJ/mol	NIST Webbook
ie	7.96	eV	NIST Webbook
ie	8.12 ± 0.05	eV	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C34822907&Units=SI

Legend

hfs:	Solid phase enthalpy of formation at standard conditions
ie:	Ionization energy

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