TETRAALLYLSILANE

Other names:	Silane, tetraallyl-
	Tetraallylsilane
Inchi:	InChI=1S/C12H20Si/c1-5-9-13(10-6-2,11-7-3)12-8-4/h5-8H,1-4,9-12H2
InchiKey:	AKRQMTFHUVDMIL-UHFFFAOYSA-N
Formula:	C12H20Si
SMILES:	C=CC[Si](CC=C)(CC=C)CC=C
Mol. weight [g/mol]:	192.38

Physical Properties

Property code	Value	Unit	Source
ie	9.15	eV	Cheméo Relay (1.0)
logp	4.179		Crippen Method
tb	463.11	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	25.50	kJ/mol	244.00	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1112669&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hfust:	Enthalpy of fusion at a given temperature
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature