

Tellurophene, tetrahydro-

Other names:	Cyclotellurobutane Tellurophane Tetrahydrotellurophene
Inchi:	InChI=1S/C4H8Te/c1-2-4-5-3-1/h1-4H2
InchiKey:	XDCYTDZPMNTANZ-UHFFFAOYSA-N
Formula:	C4H8Te
SMILES:	C1CC[Te]C1
Mol. weight [g/mol]:	183.71
CAS:	3465-99-4

Physical Properties

Property code	Value	Unit	Source
ie	7.73	eV	NIST Webbook
log10ws	1.07		Crippen Method
logp	1.321		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3465994&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/68-478-7/Tellurophene-tetrahydro.pdf>

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