

Ditelluride, diphenyl

Other names:	Phenyl ditelluride Diphenyl ditelluride Ditelluride, diephenyl
Inchi:	InChI=1S/C12H10Te2/c1-3-7-11(8-4-1)13-14-12-9-5-2-6-10-12/h1-10H
InchiKey:	VRLFOXMNTSYGMX-UHFFFAOYSA-N
Formula:	C12H10Te2
SMILES:	c1ccc([Te][Te]c2ccccc2)cc1
Mol. weight [g/mol]:	409.41
CAS:	32294-60-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.26		Crippen Method
logp	0.961		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C32294603&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/75-435-6/Ditelluride-diphenyl.pdf>

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