

# Benzo[b]tellurophene

<b>Other names:</b>	Telluranaphthene
<b>Inchi:</b>	InChI=1S/C8H6Te/c1-2-4-8-7(3-1)5-6-9-8/h1-6H
<b>InchiKey:</b>	WDKYOIMDQCVVST-UHFFFAOYSA-N
<b>Formula:</b>	C8H6Te
<b>SMILES:</b>	c1ccc2[te]ccc2c1
<b>Mol. weight [g/mol]:</b>	229.73
<b>CAS:</b>	272-35-5

## Physical Properties

Property code	Value	Unit	Source
ie	7.76 ± 0.05	eV	NIST Webbook
log10ws	-0.40		Crippen Method
logp	1.897		Crippen Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C272355&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C272355&amp;Units=SI</a>

## Legend

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

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