

# germanium oxide

<b>Other names:</b>	Germanium monoxide
<b>Inchi:</b>	InChI=1S/GeO/c1-2
<b>InchiKey:</b>	PVADDRMAFCOOPC-UHFFFAOYSA-N
<b>Formula:</b>	GeO
<b>SMILES:</b>	O=[GeH2]
<b>Mol. weight [g/mol]:</b>	88.64
<b>CAS:</b>	20619-16-3

## Physical Properties

Property code	Value	Unit	Source
ie	11.39	eV	NIST Webbook
ie	11.50 ± 0.50	eV	NIST Webbook
ie	11.10 ± 0.15	eV	NIST Webbook
ie	11.10	eV	NIST Webbook
ie	11.00 ± 0.30	eV	NIST Webbook
ie	11.10 ± 0.10	eV	NIST Webbook
ie	10.10 ± 0.80	eV	NIST Webbook
ie	11.25	eV	NIST Webbook
ie	11.25 ± 0.01	eV	NIST Webbook
log10ws	-1.36		Crippen Method
logp	-1.035		Crippen Method

## Sources

<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=C20619163&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C20619163&amp;Units=SI</a>
<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>

## Legend

ie: Ionization energy

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

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