

# 6,7-Diazatricyclo[3.2.2.0(2,4)]non-6-ene, oxide

**Inchi:** InChI=1S/C7H10N2O/c10-9-7-2-1-6(8-9)4-3-5(4)7/h4-7H,1-3H2  
**InchiKey:** IGSXSBMSJKIJH-UHFFFAOYSA-N  
**Formula:** C7H10N2O  
**SMILES:** [O-][N+]1=NC2CCC1C1CC21  
**Mol. weight [g/mol]:** 138.17  
**CAS:** 25926-99-2

## Physical Properties

Property code	Value	Unit	Source
hf	226.10 ± 1.90	kJ/mol	NIST Webbook
log10ws	-1.33		Crippen Method
logp	1.130		Crippen Method
mcvol	98.440	ml/mol	McGowan Method
tf	411.40 ± 1.00	K	NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C25926992&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**hf:** Enthalpy of formation at standard conditions  
**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**tf:** Normal melting (fusion) point

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