2-Chlorocyclooctanone, oxime

Inchi: InChI=1S/C8H14ClNO/c9-7-5-3-1-2-4-6-8(7)10-11/h7,11H,1-6H2
InchiKey: CLUUAPBIIZAOJL-UHFFFAOYSA-N
Formula: C8H14ClNO
SMILES: ON=C1CCCCCCC1Cl
Mol. weight [g/mol]: 175.66

Physical Properties

Property code	Value	Unit	Source
ie	9.19 ± 0.03	eV	NIST Webbook
logp	2.778		Crippen Method
mcvol	136.510	ml/mol	McGowan Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C10499339&Units=SI
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie: Ionization energy
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.