

N-(2-Chloroethyl)-1,8-naphthalimide

Inchi:	InChI=1S/C14H10ClNO2/c15-7-8-16-13(17)10-5-1-3-9-4-2-6-11(12(9)10)14(16)18/h1-6H
InchiKey:	AWVXDWQRGJLTBI-UHFFFAOYSA-N
Formula:	C14H10ClNO2
SMILES:	O=C1c2cccc3cccc(c23)C(=O)N1CCCl
Mol. weight [g/mol]:	259.69
CAS:	74732-00-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.20		Crippen Method
logp	2.675		Crippen Method
mcvol	179.400	ml/mol	McGowan Method

Sources

Crippen Method:	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=C74732006&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/67-686-7/N-2-Chloroethyl-1-8-naphthalimide.pdf>

Generated by Cheméo on 2024-04-20 12:32:40.489584334 +0000 UTC m=+15905609.410161651.

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