

Nimorazole

Other names:	Morpholine, 4-[2-(5-nitro-1H-imidazol-1-yl)ethyl]- Acterol Acterol forte Esclama K-1900 Morpholine, 4-(2-(5-nitroimidazol-1-yl)ethyl)- N-2-Morpholinoethyl-5-nitroimidazole Naxofem Naxogin Nimorazol Nitrimidazine Nulogyl 1-(«beta»-Morpholinoethyl)-5-nitroimidazole 1-(2-N-Morpholinylethyl)-5-nitroimidazole 4-(2-(5-Nitroimidazol-1-yl)ethyl)morpholine Nimorazolo Sirdedi NSC 107524
Inchi:	InChI=1S/C9H14N4O3/c14-13(15)9-7-10-8-12(9)2-1-11-3-5-16-6-4-11/h7-8H,1-6H2
InchiKey:	MDJFHRLTPRPZLY-UHFFFAOYSA-N
Formula:	C9H14N4O3
SMILES:	O=[N+](O-)[c1cncn1CCN1CCOCC1
Mol. weight [g/mol]:	226.23
CAS:	6506-37-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.38		Crippen Method
logp	0.124		Crippen Method
mcvol	160.580	ml/mol	McGowan Method
rinpol	1803.00		NIST Webbook
rinpol	1803.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6506372&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/24-153-5/Nimorazole.pdf>

Generated by Cheméo on 2024-04-29 23:51:41.154776463 +0000 UTC m=+16723950.075353774.

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