Naphtho[1,2-d]thiazole, 2-methyl-

Other names:	2-Methyl-«beta»-naphthothiazole
	2-methyl-.beta.-naphthothiazole
	2-methylnaphtho[1,2-d]thiazole
	Naphth[1,2-d]thiazole, 2-methyl-
Inchi:	InChI=1S/C12H9NS/c1-8-13-12-10-5-3-2-4-9(10)6-7-11(12)14-8/h2-7H,1H3
InchiKey:	OUXMJRMYZCEVKO-UHFFFAOYSA-N
Formula:	C12H9NS
SMILES:	Cc1nc2c(ccc3ccccc32)s1
Mol. weight [g/mol]:	199.27
CAS:	2682-45-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.08		Crippen Method
logp	3.758		Crippen Method
mcvol	147.890	ml/mol	McGowan Method
tf	368.01	K	Thermodynamic properties of naphthoxazole and naphthothiazole derivatives: Experimental and computational studies

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Thermodynamic properties of naphthoxazole and naphthothiazole derivatives: Experimental and computational studies:	https://www.doi.org/10.1016/j.jct.2018.07.008
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2682453&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tf:	Normal melting (fusion) point