2-(Thiazolylazo)-p-cresol

Inchi: InChI=1S/C10H9N3OS/c1-7-2-3-9(14)8(6-7)12-13-10-11-4-5-15-10/h2-6,14H,1H3
InchiKey: MZRKINSTWYZJLV-UHFFFAOYSA-N
Formula: C10H9N3OS
SMILES: Cc1ccc(O)c(N=Nc2nccs2)c1
Mol. weight [g/mol]: 219.26
CAS: 1823-44-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.06		Crippen Method
logp	3.573		Crippen Method
mcvol	156.400	ml/mol	McGowan Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C1823445&Units=SI

Legend

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