2-(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]: 219.27

Physical Properties

Property code	Value	Unit	Source
ie	8.11	eV	Cheméo Relay (1.0)
logp	3.573		Crippen Method
mcvol	156.400	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1823445&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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