2,4-DIMETHYLPHENOL TBDMS

Other names: 2,4-Dimethylphenol, tbdms derivative
Inchi: InChI=1S/C14H24OSi/c1-11-8-9-13(12(2)10-11)15-16(6,7)14(3,4)5/h8-10H,1-7H3
InchiKey: XXQAQKHTECMONE-UHFFFAOYSA-N
Formula: C14H24OSi
SMILES: Cc1ccc(O[Si](C)(C)C(C)(C)C)c(C)c1
Mol. weight [g/mol]: 236.43

Physical Properties

Property code	Value	Unit	Source
ie	8.03	eV	Cheméo Relay (1.0)
logp	4.687		Crippen Method
tb	530.42	K	Cheméo Relay (1.0)
tc	737.60	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U331759&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):

Legend

ie: Ionization energy
logp: Octanol/Water partition coefficient
tb: Normal Boiling Point Temperature
tc: Critical Temperature