

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:	<chem>Cc1ccc(O[Si](C)(C)C(C)(C)C)c(C)c1</chem>
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

Latest version available from:

<https://www.chemeo.com/cid/61-989-7/2-4-DIMETHYLPHENOL-TBDMS.pdf>

Generated by Cheméo on 2026-07-21 21:08:20.905766388 +0000 UTC m=+179196.747651807.

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