

DL-2-Pentanol, tert-butyldimethylsilyl ether

Other names:	2-Pentanol, tbdms derivative
Inchi:	InChI=1S/C11H26OSi/c1-8-9-10(2)12-13(6,7)11(3,4)5/h10H,8-9H2,1-7H3
InchiKey:	RFFQVPBODQCCTI-UHFFFAOYSA-N
Formula:	C11H26OSi
SMILES:	CCCC(C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	202.41

Physical Properties

Property code	Value	Unit	Source
ie	9.00	eV	Cheméo Relay (1.0)
logp	4.197		Crippen Method
tb	455.57	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333084&Units=SI>

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
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/81-305-3/DL-2-Pentanol-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2026-07-22 01:37:03.027828496 +0000 UTC m=+195318.869713918.

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