Silane, diethyl(3-methylbutoxy)propoxy-

Inchi: InChI=1S/C12H28O2Si/c1-6-10-13-15(7-2,8-3)14-11-9-12(4)5/h12H,6-11H2,1-5H3
InchiKey: PLEZZQZLYJAABQ-UHFFFAOYSA-N
Formula: C12H28O2Si
SMILES: CCCO[Si](CC)(CC)OCCC(C)C
Mol. weight [g/mol]: 232.44

Physical Properties

Property code	Value	Unit	Source
hvap	53.44	kJ/mol	Cheméo Relay (1.0)
logp	3.958		Crippen Method
pc	1762.44	kPa	Cheméo Relay (1.0, beta)
rinpol	1247.00		NIST Webbook
tb	489.05	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U362991&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

hvap: Enthalpy of vaporization at standard conditions
logp: Octanol/Water partition coefficient
pc: Critical Pressure
rinpol: Non-polar retention indices
tb: Normal Boiling Point Temperature

Latest version available from:

https://www.chemeo.com/cid/54-041-6/Silane-diethyl-3-methylbutoxy-propoxy.pdf

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