

Silane, diethylbutoxy(dodec-9-ynyloxy)-

Inchi: InChI=1S/C20H40O2Si/c1-5-9-11-12-13-14-15-16-17-18-20-22-23(7-3,8-4)21-19-10-6-2/
InchiKey: SJUPDSXAXYEUKW-UHFFFAOYSA-N
Formula: C20H40O2Si
SMILES: CCC#CCCCCCCCCO[Si](CC)(CC)OCCCC
Mol. weight [g/mol]: 340.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.80		Crippen Method
logp	6.446		Crippen Method
rinpol	2090.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363579&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/37-529-4/Silane-diethylbutoxy-dodec-9-ynyloxy.pdf>

Generated by Cheméo on 2024-04-17 02:58:09.432274891 +0000 UTC m=+15611938.352852206.

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