

Silane, diphenylbutoxy(2-ethoxyethoxy)-

Inchi: InChI=1S/C20H28O3Si/c1-3-5-16-22-24(23-18-17-21-4-2,19-12-8-6-9-13-19)20-14-10-7-
InchiKey: GADZLCICEBMXIH-UHFFFAOYSA-N
Formula: C20H28O3Si
SMILES: CCCCOSi(OCCOCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 344.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.25		Crippen Method
logp	3.113		Crippen Method
rinpol	2132.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367660&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/11-580-5/Silane-diphenylbutoxy-2-ethoxyethoxy.pdf>

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