

Tri(n-butoxy)phenylsilane

Other names:	Tributoxy(phenyl)silane
Inchi:	InChI=1S/C18H32O3Si/c1-4-7-15-19-22(20-16-8-5-2,21-17-9-6-3)18-13-11-10-12-14-18/
InchiKey:	INUOIYMEJLOQFN-UHFFFAOYSA-N
Formula:	C18H32O3Si
SMILES:	CCCCO[Si](OCCCC)(OCCCC)c1ccccc1
Mol. weight [g/mol]:	324.53
CAS:	10581-02-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.92		Crippen Method
logp	4.283		Crippen Method
rinpol	1819.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10581029&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/40-470-5/Tri-n-butoxy-phenylsilane.pdf>

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