

Silane, dimethyl(dimethyl(4-isopropoxyphenoxy)silyloxy)

Inchi: InChI=1S/C22H34O5Si2/c1-17(2)23-19-9-13-21(14-10-19)25-28(5,6)27-29(7,8)26-22-15
InchiKey: CNPAMQXOACRRF-UHFFFAOYSA-N
Formula: C22H34O5Si2
SMILES: CC(C)Oc1ccc(O[Si](C)(C)O[Si](C)(C)Oc2ccc(OC(C)C)cc2)cc1
Mol. weight [g/mol]: 434.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	6.139		Crippen Method
rinpol	2243.00		NIST Webbook
rinpol	2243.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347067&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/86-960-1/Silane-dimethyl-dimethyl-4-isopropoxyphenoxy-silyloxy-4-isopropoxyphenoxy>

Generated by Cheméo on 2024-04-26 06:31:01.527224452 +0000 UTC m=+16402310.447801767.

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