

Tricosanoic acid, trimethylsilyl ester

Inchi: InChI=1S/C26H54O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25
InchiKey: KYTCCEWJBLIPMI-UHFFFAOYSA-N
Formula: C26H54O2Si
SMILES: CCCCCCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 426.79
CAS: 169597-18-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.62		Crippen Method
logp	9.576		Crippen Method
rinpol	2732.20		NIST Webbook
rinpol	2732.00		NIST Webbook
rinpol	2732.20		NIST Webbook
rinpol	2732.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C169597186&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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

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