4-Chloro-1-dimethyldodecylsilyloxybenzene

Inchi: InChI=1S/C20H35ClOSi/c1-4-5-6-7-8-9-10-11-12-13-18-23(2,3)22-20-16-14-19(21)15-17
InchiKey: PRZOMURAUOBITN-UHFFFAOYSA-N
Formula: C20H35ClOSi
SMILES: CCCCCCCCCCCC[Si](C)(C)Oc1ccc(Cl)cc1
Mol. weight [g/mol]: 355.03

Physical Properties

Property code	Value	Unit	Source
ie	8.77	eV	Cheméo Relay (1.0)
logp	7.845		Crippen Method
rinpol	2313.00		NIST Webbook
rinpol	2313.00		NIST Webbook
tb	624.59	K	Cheméo Relay (1.0)
tf	290.98	K	Cheméo Relay (1.0)

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U307897&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie: Ionization energy
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices
tb: Normal Boiling Point Temperature
tf: Normal melting (fusion) point

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