

Dodecanoic acid, (3-cyanopropyl)dimethylsilyl ester

Inchi: InChI=1S/C18H35NO2Si/c1-4-5-6-7-8-9-10-11-12-15-18(20)21-22(2,3)17-14-13-16-19/h
InchiKey: GFFUPUPODQTTJN-UHFFFAOYSA-N
Formula: C18H35NO2Si
SMILES: CCCCCCCCCCCC(=O)O[Si](C)(C)CCCC#N
Mol. weight [g/mol]: 325.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.14		Crippen Method
logp	5.959		Crippen Method
rinpol	2197.00		NIST Webbook
rinpol	2197.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375513&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/97-420-8/Dodecanoic-acid-3-cyanopropyl-dimethylsilyl-ester.pdf>

Generated by Cheméo on 2025-12-05 22:31:55.254403331 +0000 UTC m=+4722112.784443985.

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