

Anthralin, tris(trimethylsilyl) ether

Inchi: InChI=1S/C23H34O3Si3/c1-27(2,3)24-19-14-10-12-17-16-18-13-11-15-20(25-28(4,5)6)2
InchiKey: AVJNPVZJUJAMKN-UHFFFAOYSA-N
Formula: C23H34O3Si3
SMILES: C[Si](C)(C)Oc1cccc2cc3cccc(O[Si](C)(C)C)c3c(O[Si](C)(C)C)c12
Mol. weight [g/mol]: 442.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	7.634		Crippen Method
rinpol	2411.00		NIST Webbook
rinpol	2411.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333480&Units=SI>

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/47-071-1/Anthralin-tris-trimethylsilyl-ether.pdf>

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