

Normorphine, bis(trimethylsilyl) ether

Inchi: InChI=1S/C22H33NO3Si2/c1-27(2,3)25-17-9-7-14-13-16-15-8-10-18(26-28(4,5)6)21-22(3)
InchiKey: YKVXAFBDBPVFMP-UHFFFAOYSA-N
Formula: C22H33NO3Si2
SMILES: C[Si](C)(C)Oc1ccc2c3c1OC1C(O[Si](C)(C)C)C=CC4C(C2)NCCC341
Mol. weight [g/mol]: 415.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.08		Crippen Method
logp	4.223		Crippen Method
rinpol	2571.00		NIST Webbook
rinpol	2571.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352971&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/95-999-9/Normorphine-bis-trimethylsilyl-ether.pdf>

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