

Lorazepam, bis(trimethylsilyl) derivative

Inchi: InChI=1S/C21H26Cl2N2O2Si2/c1-28(2,3)25-18-12-11-14(22)13-16(18)19(15-9-7-8-10-17)20-21
InchiKey: FEACTDYDXNGGQU-UHFFFAOYSA-N
Formula: C₂₁H₂₆Cl₂N₂O₂Si₂
SMILES: C[Si](C)(C)OC1N=C(c2ccccc2Cl)c2cc(Cl)ccc2N([Si](C)(C)C)C1=O
Mol. weight [g/mol]: 465.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.09		Crippen Method
logp	6.190		Crippen Method
rinpol	2507.90		NIST Webbook
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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=U417201&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/96-281-4/Lorazepam-bis-trimethylsilyl-derivative.pdf>

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