

trans-4-Methylcyclohexanol, bromomethyl dimethylsilyl ether

Inchi: InChI=1S/C10H21BrOSi/c1-9-4-6-10(7-5-9)12-13(2,3)8-11/h9-10H,4-8H2,1-3H3
InchiKey: TVIZZJIBHQGYKV-UHFFFAOYSA-N
Formula: C10H21BrOSi
SMILES: CC1CCC(O[Si](C)(C)CBr)CC1
Mol. weight [g/mol]: 265.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.43		Crippen Method
logp	3.721		Crippen Method
rinpol	1406.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376044&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/35-025-5/trans-4-Methylcyclohexanol-bromomethyl dimethylsilyl-ether.pdf>

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