

D-Allose, pentakis(trimethylsilyl) ether, benzyloxime (isomer 2)

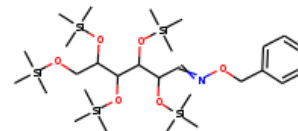
InChI: InChI=1S/C28H59NO6Si5/c1-36(2,3)31-23-26(33-38(7,8)9)28(35-40(13,14)15)27(34-39(10,11)12)25(32-37(4,5)6)21-29-30-22-24-19-17-16-18-20-24/h16-21,25-28H,22-23H2,1-15H3

InChI Key: HTPNKYHYJRZYRL-UHFFFAOYSA-N

Formula: C₂₈H₅₉NO₆Si₅

SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=NOCc1ccccc1)O[Si](C)(C)C

Molecular Weight: 646.20



Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	7.92		Crippen Method

Sources

NIST Webbook: [http://webbook.nist.gov/cgi/inchi/InChI=1S/C28H59NO6Si5/c1-36\(2,3\)31-23-26\(33-38\(7,8\)9\)28\(35-40\(13,14\)15\)27\(34-39\(10,11\)12\)25\(32-37\(4,5\)6\)21-29-30-22-24-19-17-16-18-20-24/h16-21,25-28H,22-23H2,1-15H3](http://webbook.nist.gov/cgi/inchi/InChI=1S/C28H59NO6Si5/c1-36(2,3)31-23-26(33-38(7,8)9)28(35-40(13,14)15)27(34-39(10,11)12)25(32-37(4,5)6)21-29-30-22-24-19-17-16-18-20-24/h16-21,25-28H,22-23H2,1-15H3)

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

$\log P_{\text{oct/wat}}$: Octanol/Water partition coefficient .

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