(.+/-.)-2-Phenylbutyric acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C19H24O2Si/c1-4-18(17-13-9-6-10-14-17)19(20)21-22(2,3)15-16-11-7-5-8-12-

InchiKey: GYCDTBLOZFHPMC-UHFFFAOYSA-N

Formula: C19H24O2Si

SMILES: CCC(C(=O)O[Si](C)(C)Cc1ccccc1)c1ccccc1

Mol. weight [g/mol]: 312.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.95		Crippen Method
logp	4.710		Crippen Method
rinpol	2025.00		NIST Webbook
rinpol	2025.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375607&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices