N-(3-Bromo-4-hydroxy-phenyl)-4-nitro-benzenesu
N,O-di(trimethylsilyl)-

Inchi: InChI=1S/C18H25BrN2O5SSi2/c1-28(2,3)21(15-9-12-18(17(19)13-15)26-29(4,5)6)27(24
InchiKey: AQWIZMALNVUOQZ-UHFFFAOYSA-N
Formula: C18H25BrN2O5SSi2
SMILES: C[Si](C)(C)Oc1ccc(N([Si](C)(C)C)S(=O)(=O)c2ccc([N+](=O)[O-])cc2)cc1Br
Mol. weight [g/mol]: 517.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.59		Crippen Method
logp	5.601		Crippen Method
rinpol	2847.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U374410&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