

2-Naphthaleneacetic acid, 6-methoxy-«alpha»-methyl-, trimethylsilyl ester, (+)-

Other names: 6-Methoxy-«alpha»-methyl-2-naphthaleneacetic acid tms

Naproxen + bstfa

Monotrimethylsilyl derivative of Naproxen

Naproxen-TMS derivative -

Inchi: InChI=1S/C17H22O3Si/c1-12(17(18)20-21(3,4)5)13-6-7-15-11-16(19-2)9-8-14(15)10-13/

InchiKey: PPHRTNQQVJGADT-UHFFFAOYSA-N

Formula: C17H22O3Si

SMILES: COc1ccc2cc(C(C)C(=O)O[Si](C)(C)C)ccc2c1

Mol. weight [g/mol]: 302.44

CAS: 74793-83-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.75		Crippen Method
logp	4.330		Crippen Method

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C74793832&Units=SI>

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/113-309-3/2-Naphthaleneacetic-acid-6-methoxy-alpha-methyl-trimethylsilyl-ester.pdf>

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