

3-Tigloyloxy-6-acetoxypropane

Inchi: InChI=1S/C13H21NO3/c1-4-8(2)13(16)17-10-5-9-6-12(15)11(7-10)14(9)3/h4,9-12,15H,5
InchiKey: AABSYOQYJYBHOJ-XBXARRHUSA-N
Formula: C13H21NO3
SMILES: CC=C(C)C(=O)OC1CC2CC(O)C(C1)N2C
Mol. weight [g/mol]: 239.31
CAS: 7688-74-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.05		Crippen Method
logp	1.092		Crippen Method
mcvol	191.300	ml/mol	McGowan Method
rinpola	2274.00		NIST Webbook
rinpob	2274.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7688746&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpola: Non-polar retention indices

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<https://www.chemeo.com/cid/76-526-4/3-Tigloyloxy-6-acetoxypropane.pdf>

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