

Glutarimide, N-dodecyl-

Inchi: InChI=1S/C17H31NO2/c1-2-3-4-5-6-7-8-9-10-11-15-18-16(19)13-12-14-17(18)20/h2-15H
InchiKey: CEIGSJTYESIPEX-UHFFFAOYSA-N
Formula: C17H31NO2
SMILES: CCCCCCCCCCN1C(=O)CCCC1=O
Mol. weight [g/mol]: 281.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.95		Crippen Method
logp	4.446		Crippen Method
mcvol	252.650	ml/mol	McGowan Method
rinsol	2665.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U360874&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Legend

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

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