

Glutethimide perbutylated

Inchi: InChI=1S/C17H23NO2/c1-3-5-13-18-15(19)11-12-17(4-2,16(18)20)14-9-7-6-8-10-14/h6-
InchiKey: ZDHUUAIRZFDUOC-UHFFFAOYSA-N
Formula: C17H23NO2
SMILES: CCCCN1C(=O)CCC(CC)(c2ccccc2)C1=O
Mol. weight [g/mol]: 273.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.73		Crippen Method
logp	3.283		Crippen Method
mcvol	228.890	ml/mol	McGowan Method
rinpola	2071.00		NIST Webbook
rinpola	2071.00		NIST Webbook

Sources

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>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R387878&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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