

1,2-Cyclobutane-dicarboximide, n-ethyl-4-dimethylamino-3,3-dimethyl-

Inchi:	InChI=1S/C12H20N2O2/c1-6-14-10(15)7-8(11(14)16)12(2,3)9(7)13(4)5/h7-9H,6H2,1-5H3
InchiKey:	NZBAPHBJUSRLAC-UHFFFAOYSA-N
Formula:	C12H20N2O2
SMILES:	CCN1C(=O)C2C(C1=O)C(C)(C)C2N(C)C
Mol. weight [g/mol]:	224.30
CAS:	91638-02-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.71		Crippen Method
logp	0.578		Crippen Method
mcvol	181.320	ml/mol	McGowan Method

Sources

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=C91638027&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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