

1,2-Cyclohexanedicarboximide, n-fluoren-2-yl-

Inchi:	InChI=1S/C21H19NO2/c23-20-18-7-3-4-8-19(18)21(24)22(20)15-9-10-17-14(12-15)11-13
InchiKey:	AWJQHUSRHUQUAI-UHFFFAOYSA-N
Formula:	C21H19NO2
SMILES:	O=C1C2CCCCC2C(=O)N1c1ccc2c(c1)Cc1ccccc1-2
Mol. weight [g/mol]:	317.38
CAS:	6341-14-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.70		Crippen Method
logp	3.937		Crippen Method
mcvol	239.770	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6341146&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.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

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