N-(2-Ethylhexyl)-5-norbornene-2,3-dicarboximide

Other names: 4,7-Methano-1H-isoindole-1,3(2H)-dione, 2-(2-ethylhexyl)-3a,4,7,7a-tetrahydro-
Carboximide
Dicarboximide
N-2-Ethylhexylimide endomethylenetetrahydrophthalic acid
MGK 264
5-Norbornene-2,3-Dicarboximide, N-(2-ethylhexyl)-
Octacide 264
Octylbicycloheptenedicarboximide
Sinepyrin 222
Synergist 264
Van Dyk 264
endo Methylenetetrahydrophthalic acid, N-2-ethylhexyl imide
Bicyclo(2.2.1)heptene-2-dicarboxylic acid, 2-ethylhexylimide
ENT 8,184
MGK repellent 264
N-(2-Ethylhexyl)bicyclo-(2.2.1)-5-heptene-2,3-dicarboximide
N-(2-Ethylhexyl)bicyclo-(2,2,1)-hept-5-ene-2,3-dicarboximide
N-2-Ethylhexylbicycloheptenedicarboximide
Pyrdone (obsolete)
Pyrodone
2-(2-Ethylhexyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione
N-2-Ethylhexylimid kyseliny bicyklo-(2,2,1)-5-hepten-2,3-dikarboxylove
Synepirin 222
NSC 36678
N-(2-ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide

Inchi: InChI=1S/C17H25NO2/c1-3-5-6-11(4-2)10-18-16(19)14-12-7-8-13(9-12)15(14)17(18)20/h

InchiKey: WLLGXSLBOPFWQV-UHFFFAOYSA-N

Formula: C17H25NO2

SMILES: CCCCC(CC)CN1C(=O)C2C3C=CC(C3)C2C1=O

Mol. weight [g/mol]: 275.39

CAS: 113-48-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.39		Crippen Method
logp	3.010		Crippen Method

mcvol	226.630	ml/mol	McGowan Method
rinpol	1965.00		NIST Webbook
rinpol	1978.00		NIST Webbook

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=C113484&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices