exo-Tricyclo[6,2,1,0(2,6)]dec-4-en-8-«beta»-ol

Inchi: InChI=1S/C10H14O/c11-10-5-6-4-9(10)8-3-1-2-7(6)8/h1,3,6-11H,2,4-5H2/t6?,7-,8-,9?,10
InchiKey: LDUKQFUHJZHLRC-WSBRJUKGSA-N
Formula: C10H14O
SMILES: OC1CC2CC1C1C=CCC21
Mol. weight [g/mol]: 150.22

Physical Properties

Property code	Value	Unit	Source
hfus	21.41	kJ/mol	Joback Method
ie	8.62	eV	Cheméo Relay (1.0)
logp	1.579		Crippen Method
mcvol	120.750	ml/mol	McGowan Method
rinpol	1272.00		NIST Webbook
rinpol	1272.00		NIST Webbook
ripol	1955.00		NIST Webbook
tb	499.65	K	Cheméo Relay (1.0)
tf	435.75	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	322.98	J/mol×K	534.69	Joback Method
cpg	339.03	J/mol×K	568.29	Joback Method
cpg	354.01	J/mol×K	601.89	Joback Method
cpg	368.00	J/mol×K	635.48	Joback Method
cpg	381.07	J/mol×K	669.08	Joback Method
cpg	393.31	J/mol×K	702.68	Joback Method
cpg	404.78	J/mol×K	736.28	Joback Method
dvisc	0.0046592	Pa×s	305.86	Joback Method
dvisc	0.0031885	Pa×s	344.00	Joback Method
dvisc	0.0023537	Pa×s	382.14	Joback Method
dvisc	0.0018359	Pa×s	420.28	Joback Method
dvisc	0.0014924	Pa×s	458.41	Joback Method
dvisc	0.0012524	Pa×s	496.55	Joback Method

dvisc	0.0010776	Pa×s	534.69	Joback Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R386340&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method

Legend

cpg:	Ideal gas heat capacity
dvisc:	Dynamic viscosity
hfus:	Enthalpy of fusion at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point