Galvinoxyl radical

Other names: Galvinoxyl radical
Inchi: InChI=1S/C29H41O2/c1-18(2)9-24-14-22(15-25(28(24)30)10-19(3)4)13-23-16-26(11-20(
InchiKey: GOVAISVZGLQKDS-UHFFFAOYSA-N
Formula: C29H41O2
SMILES: CC(C)CC1=CC(=Cc2cc(CC(C)C)c([O])c(CC(C)C)c2)C=C(CC(C)C)C1=O
Mol. weight [g/mol]: 421.64

Physical Properties

Property code	Value	Unit	Source
logp	8.139		Crippen Method
mcvol	377.240	ml/mol	McGowan Method
ss	670.10	J/mol×K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	654.28	J/mol×K	298.15	NIST Webbook

Sources

Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C2370185&Units=SI
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):

Legend

cps:	Solid phase heat capacity
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
ss:	Solid phase molar entropy at standard conditions