

Boron, difluoro(2,4-pentanedionato-O,O')-, (T-4)-

Other names:	Boron, difluoro(2,4-pentanedionato)- Difluoro-2,4-pentanedionatoboron Boron, difluoro-(pentan-2,4-dionato)- Boron, difluoro(2,4-pentanedionato-O,O')- (Acetylacetonato)difluoroboron
Inchi:	InChI=1S/C5H7BF2O2/c1-4-3-5(2)10-6(7,8)9-4/h3H,1-2H3
InchiKey:	UAEGSWGMLVSQPF-UHFFFAOYSA-N
Formula:	C5H7BF2O2
SMILES:	CC1=CC(C)=[O+][B-](F)(F)O1
Mol. weight [g/mol]:	147.92
CAS:	15390-25-7

Physical Properties

Property code	Value	Unit	Source
ie	9.20	eV	NIST Webbook
ie	9.28	eV	NIST Webbook
log10ws	0.41		Crippen Method
logp	1.420		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C15390257&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/72-942-6/Boron-difluoro-2-4-pentanedionato-O-O-T-4.pdf>

Generated by Cheméo on 2024-05-01 08:07:57.301803915 +0000 UTC m=+16840126.222381230.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.