

Benzo[b]thiophene, 7-ethyl-

Other names:	Benzothiophene, 7-ethyl
Inchi:	InChI=1S/C10H10S/c1-2-8-4-3-5-9-6-7-11-10(8)9/h3-7H,2H2,1H3
InchiKey:	SZNQHLOLUMHNIM-UHFFFAOYSA-N
Formula:	C10H10S
SMILES:	CCc1cccc2ccsc12
Mol. weight [g/mol]:	162.25
CAS:	16587-42-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.84		Crippen Method
logp	3.464		Crippen Method
mcvol	129.190	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C16587421&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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