

# benzo[2,3]fluorantheno[1,12-bcd]thiophene

<b>Inchi:</b>	InChI=1S/C20H10S/c1-2-6-15-11(5-1)12-7-3-8-13-14-9-4-10-16-18(14)19(17(12)13)20(1
<b>InchiKey:</b>	QYYUKRSTVJRPNA-UHFFFAOYSA-N
<b>Formula:</b>	C20H10S
<b>SMILES:</b>	c1cc2c3c(c1)sc1c4ccccc4c4cccc-2c4c13
<b>Mol. weight [g/mol]:</b>	282.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.30		Crippen Method
logp	6.341		Crippen Method
mcvol	200.850	ml/mol	McGowan Method
rinsol	507.50		NIST Webbook

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R197709&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R197709&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinsol:</b>	Non-polar retention indices

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