

# [1]Benzoselenopheno[3,2-b]thiophene

**Other names:** Benzoselenolo[3,2-b]thiophene  
**Inchi:** InChI=1S/C10H6SSe/c1-2-4-8-7(3-1)10-9(12-8)5-6-11-10/h1-6H  
**InchiKey:** SKSQGUIRAXRTAT-UHFFFAOYSA-N  
**Formula:** C10H6SSe  
**SMILES:** c1ccc2c(c1)[se]c1ccsc12  
**Mol. weight [g/mol]:** 237.18  
**CAS:** 37958-13-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.96		Crippen Method
logp	3.111		Crippen Method
tf	352.00	K	NIST Webbook

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	458.00	K	2.00	NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C37958137&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient  
**tbrp:** Boiling point at reduced pressure  
**tf:** Normal melting (fusion) point

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