

# Thifluzamide

**Other names:** 5-Thiazolecarboxamide,  
**Inchi:** N-[2,6-dibromo-4-(trifluoromethoxy)phenyl]-2-methyl-4-(trifluoromethyl)-  
**InchiKey:** WOSNCVAPUOFXEH-UHFFFAOYSA-N  
**Formula:** C<sub>13</sub>H<sub>6</sub>Br<sub>2</sub>F<sub>6</sub>N<sub>2</sub>O<sub>2</sub>S  
**SMILES:** Cc1nc(C(F)(F)F)c(C(=O)Nc2c(Br)cc(OC(F)(F)F)cc2Br)s1  
**Mol. weight [g/mol]:** 528.06  
**CAS:** 130000-40-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.15		Crippen Method
logp	6.146		Crippen Method
mcvol	240.180	ml/mol	McGowan Method
rinpol	2190.00		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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C130000407&Units=SI>

## Legend

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

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