

Boron sulfide

Inchi: InChI=1S/BS/c1-2
InchiKey: CPTTWDDSVZIXIO-UHFFFAOYSA-N
Formula: BS
SMILES: [B]=S
Mol. weight [g/mol]: 42.88
CAS: 12228-39-6

Physical Properties

Property code	Value	Unit	Source
log10ws	1.70		Crippen Method
logp	0.267		Crippen Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12228396&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/14-131-0/Boron-sulfide.pdf>

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