

Terbufos sulfone

Inchi:	InChI=1S/C9H21O4PS3/c1-6-12-14(15,13-7-2)16-8-17(10,11)9(3,4)5/h6-8H2,1-5H3
InchiKey:	DWZSTEUTHNUVQD-UHFFFAOYSA-N
Formula:	C9H21O4PS3
SMILES:	CCOP(=S)(OCC)SCS(=O)(=O)C(C)(C)C
Mol. weight [g/mol]:	320.43
CAS:	56070-16-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.66		Crippen Method
logp	3.188		Crippen Method
mcvol	230.660	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C56070167&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/14-522-6/Terbufos-sulfone.pdf>

Generated by Cheméo on 2025-12-06 01:20:58.327492066 +0000 UTC m=+4732255.857532720.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.