## Methyltriphenylphosphonium bromide

Other names:	Phosphonium, methyltriphenyl-, bromide	
	Triphenylmethylphosphonium bromide	
Inchi:	InChI=1S/C19H18BrP/c1-21(20,17-11-5-2-6-12-17,18-13-7-3-8-14-18)19-15-9-4-10-16-1	
InchiKey:	BKRKYEFQSANYGA-UHFFFAOYSA-N	
Formula:	C19H18BrP	
SMILES:	CP(Br)(c1ccccc1)(c1ccccc1)	
Mol. weight [g/mol]:	357.22	
CAS:	1779-49-3	

## **Physical Properties**

Property code	Value	Unit	Source
log10ws	-14.64		Crippen Method
logp	4.456		Crippen Method
mcvol	249.550	ml/mol	McGowan Method

## Sources

Molar Heat Capacity of Selected Type IIIhttps://www.doi.org/10.1021/acs.jced.5b00989Deep Eutectic Solvents : Electrical conductivity of ammonium and phosphonium based deepeutectic Bowmenticmeanage and ensite and ensity of deep eutectic solvents :https://www.doi.org/10.1016/j.fluid.2013.07.012 https://www.doi.org/10.1016/j.jct.2018.12.014 https://www.doi.org/10.1021/je100104v https://www.doi.org/10.1021/je100104v https://www.doi.org/10.1021/je100104v https://www.doi.org/10.1016/j.fluid.2013.06.050 https://www.doi.org/10.1016/j.fluid.2013.06.050 https://pubs.acs.org/doi/abs/10.1021/ci9903071Monoethanolamine-based deep eutectic solvents, their synthesis andhttps://www.doi.org/10.1016/j.fluid.2017.03.008
Deep Enternet Solvents :Electrical conductivity of ammonium and phosphonium based deepeutectic Borpantsionessinessinesside and the set of the set
and phosphonium based deependectic Borparationessin branchesite direction: amilie (here the the sector of the sector o
Interserve betweet by the set of the se
Image: State of the second state of
Prediction of refractive index and density of deep eutectic solvents using sconner. Until solutions: https://www.doi.org/10.1016/j.fluid.2013.06.050   Monoethanolamine-based deep eutectic solvents, their synthesis and https://www.doi.org/10.1016/j.fluid.2013.06.050
density of deep eutectic solvents using science control of the period
Monoethanolamine-based deep eutectic solvents, their synthesis and https://www.doi.org/10.1016/j.fluid.2017.03.008
eutectic solvents, their synthesis and
http://webbook.nist.gov/cgi/cbook.cgi?ID=C1//9493&Units=S
Liquid-Liquid Equilibrium https://www.doi.org/10.1021/acs.jced.9b00413
<b>Byingme WethBe</b> hzothiazole from https://www.chemeo.com/doc/models/crippen_log10ws
p-Alkanes Using Deep Eutectic Bilgenstructurization using deep eutectic https://www.doi.org/10.1016/j.fluid.2018.03.018
solvents as sustainable and Etimes mitare the provident of the subscription of the su
exitector: Exites the state of
Beendernein empirical rules for Beenderneingeheinengeneingeneingen https://www.doi.org/10.1016/j.tca.2011.10.010
tenesion on which the factor of the second
Intelligent and Group Contribution

## 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/91-868-8/Methyltriphenylphosphonium-bromide.pdf

Generated by Cheméo on 2024-05-07 14:28:43.808779658 +0000 UTC m=+17381372.729356975.

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