TETRAPHENYLPHOSPHONIUM BROMIDE

Other names:	Phosphonium, tetraphenyl-, bromide
	Tetraphenylphosphorus bromide
	tetraphenylphosphorane bromide
Inchi:	InChI=1S/C24H20P.BrH/c1-5-13-21(14-6-1)25(22-15-7-2-8-16-22,23-17-9-3-10-18-23)24
InchiKey:	BRKFQVAOMSWFDU-UHFFFAOYSA-M
Formula:	C24H20BrP
SMILES:	[Br-].c1ccc([P+](c2ccccc2)(c2ccccc2)c2ccccc2)cc1
Mol. weight [g/mol]:	419.30

Physical Properties

Property code	Value	Unit	Source
ie	8.87	eV	Cheméo Relay (1.0)

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2751908&Units=SI
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
Apparent molar volumes, expansibilities, and isentropic compressibilities of selected electrolytes in methanol:	https://www.doi.org/10.1016/j.jct.2008.04.008
Apparent molar volumes and compressibilities of selected electrolytes in dimethylsulfoxide:	https://www.doi.org/10.1016/j.jct.2010.07.003
Apparent molar volumes and compressibilities of electrolytes and ions in gamma-butyrolactone:	https://www.doi.org/10.1016/j.jct.2012.05.026
Apparent Molar Compressibilities and Volumes of Some 1,1-Electrolytes in N,N-Dimethylacetamide and N,N-Dimethylformamide:	https://www.doi.org/10.1021/je060301+

Legend

ie: Ionization energy