

Tetrahexylammonium bromide

Other names:	1-hexanaminium, N,N,N-trihexyl-, bromide N,N,N-trihexyl-1-hexanaminium bromide tetra-n-Hexylammonium bromide
Inchi:	InChI=1S/C24H52N.BrH/c1-5-9-13-17-21-25(22-18-14-10-6-2,23-19-15-11-7-3)24-20-16
InchiKey:	SYZCZDCAEVUSPM-UHFFFAOYSA-M
Formula:	C24H52BrN
SMILES:	Br.CCCCCC[N+](CCCCC)(CCCCC)CCCCC
Mol. weight [g/mol]:	434.58
CAS:	4328-13-6

Physical Properties

Property code	Value	Unit	Source
tf	377.00 ± 0.50	K	NIST Webbook

Sources

Solubility of carbon dioxide in ammonium based CO ₂ -induced ionic liquids	https://www.doi.org/10.1016/j.fluid.2013.06.011
Removal of 2- and 3-methylthiophene from their mixtures with n-heptane using tetrahexylammonium bromide-based deep eutectic solvents as extractive desulfurization agents:	https://www.doi.org/10.1016/j.jct.2018.05.026 http://webbook.nist.gov/cgi/cbook.cgi?ID=C4328136&Units=SI

Legend

tf: Normal melting (fusion) point

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