

# Ammonium bromide, tetra(n-pentyl)-

Other names:	tetrapentylammonium bromide
Inchi:	InChI=1S/C20H44N.BrH/c1-5-9-13-17-21(18-14-10-6-2,19-15-11-7-3)20-16-12-8-4;/h5-2
InchiKey:	SPALIFXDWQTXKS-UHFFFAOYSA-M
Formula:	C20H44BrN
SMILES:	Br.CCCCC[N+](CCCCC)(CCCCC)CCCCC
Mol. weight [g/mol]:	378.47
CAS:	866-97-7

## Physical Properties

Property code	Value	Unit	Source
tf	376.20 ± 0.50	K	NIST Webbook

## Sources

Volumetric Analysis of Structural Changes of Cationic Micelles in the Presence of Quaternary Ammonium Salts: Study of the effect of electrolyte and temperature on the critical micelle concentration of dodecyltrimethylammonium bromide in aqueous medium:

<https://www.doi.org/10.1021/acs.jced.6b00332>

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C866977&Units=SI>

<https://www.doi.org/10.1016/j.jct.2014.07.003>

## Legend

tf: Normal melting (fusion) point

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