

Trimethylammonium Bromide is Ferroelectric just Below the Room Temperature.

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Table.S1

The lattice information of $(\text{CH}_3)_3\text{NHBr}$ in 223 K and 293 K

	223k	293k
Space group	$P 2_1$	$P 2_1/m$
a	5.3884(4) Å	5.4218(4) Å
b	8.0901(6) Å	8.1553(6) Å
c	6.8757(5) Å	6.9274(4) Å
α	90°	90°
β	106.324(7)°	106.953(6)°
γ	90°	90°
Unit-cell volume	287.65(4) Å ³	292.99(3) Å ³

Table.S2

The main atom sites of $(\text{CH}_3)_3\text{NHBr}$ in 223 K and 293 K

	223 K			293 K		
	x	y	z	x	y	z
Br1	0.03771(11)	0.3280(17)	0.19929(9)	0.03589(9)	0.2500	0.69991(7)
N1	-0.4263(10)	0.321(2)	0.7802(9)	-0.4238(8)	0.2500	1.2790(6)