

A novel polybromide complex of bismuth – $(\text{Et}_4\text{N})_3\{[\text{Bi}_2\text{Br}_9](\text{Br}_2)\}$: synthesis and structural features

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Table S1 Selected geometric parameters (Å).

Br1—Bi2	2.727 (2)	Br8—Bi1	2.713 (2)
Br3—Bi2	2.728 (2)	Br9—Bi1	2.7098 (16)
Br4—Bi1	3.0619 (15)	Br09—Bi2	2.728 (2)
Br4—Bi2	3.0073 (16)	Br1B—Br2B	2.332 (16)
Br5—Bi1	3.0166 (18)	Br1A—Br2A	2.320 (3)
Br5—Bi2	3.0066 (18)		
Br6—Bi1	3.010 (2)		
Br6—Bi2	3.046 (2)		
Br7—Bi1	2.761 (2)		

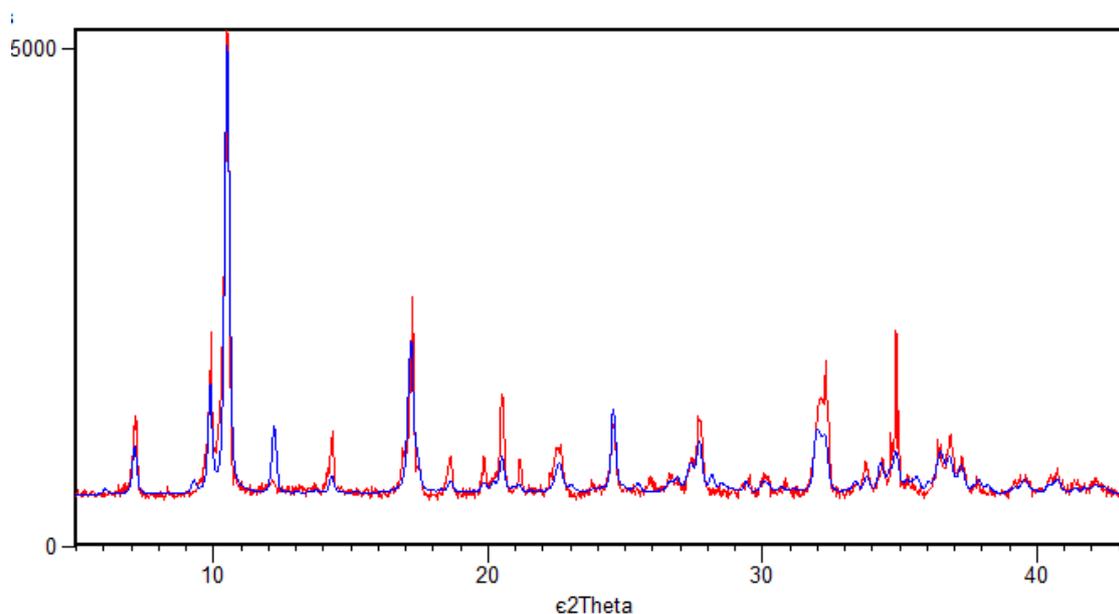


Figure S1 Experimental and theoretical PXRD patterns for **1**.

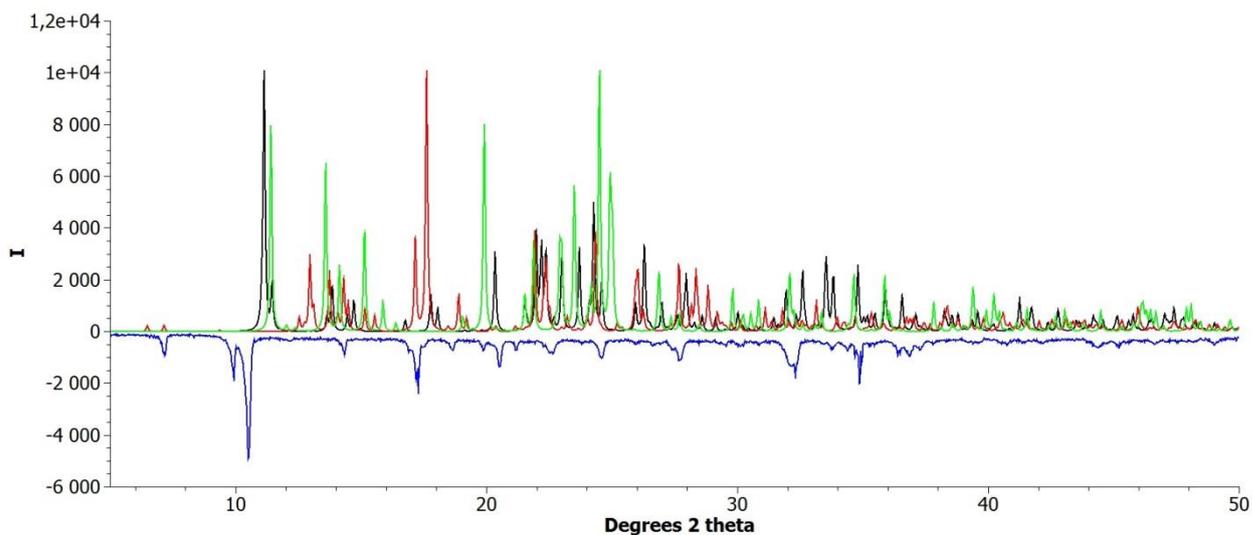


Figure S2 Experimental PXR D pattern for **1** (blue, below) in comparison with theoretical PXR D patterns for various previously reported polybromide salts of TEA (red, green and black, above).

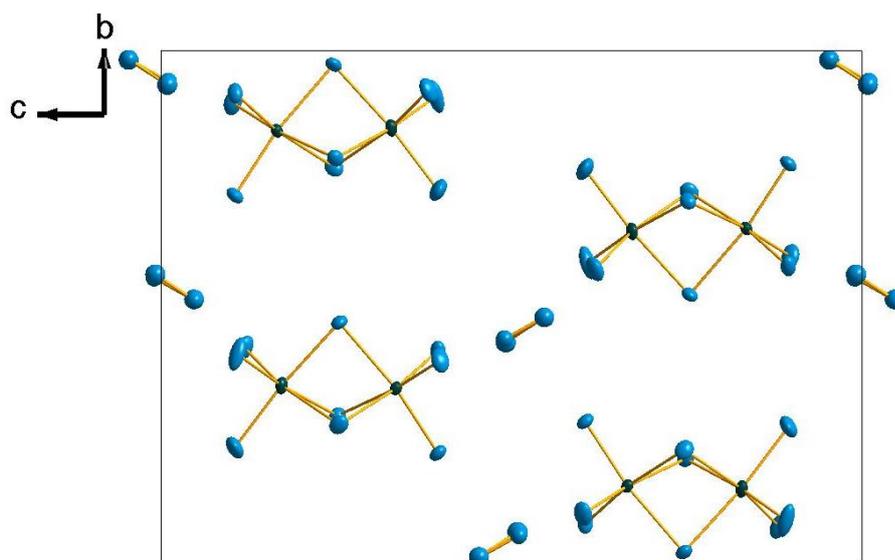


Figure S3 Crystal packing in **1** (only anionic part and {Br₂} units are shown, ellipsoids of 50% probability).

