A new complex of Hg(II) synthesized and characterized by elemental analysis, IR, $^1$H and $^{13}$C NMR spectroscopies. Spectroscopic data shows the chemical formula of resulting complex is [(HgBr$_3$)$_8$-AQ] (AQ: 8-aminquinoline). Different noncovalent interactions such as ion-pairing and hydrogen bonding may play essential factors in the construction of extended networks in the crystal systems as can be observed in the title compound.

![Chemical structure](image)

Reference