



*Acta Cryst.* (2011). E67, o2473 [ doi:10.1107/S1600536811034271 ]

## Triethylammonium 2,4,6-trisulfanylidene-1,3,5-triazinan-1-ide

H.-P. Li and S. W. Ng

**Abstract:** The asymmetric unit of the title compound,  $C_6H_{16}N^+ \cdot C_3H_2N_3S_3^-$ , contains two independent ion pairs. The 2,4,6-trithio-1,3,5-triazinan-1-ide anion features an almost planar six-membered ring (r.m.s. deviations = 0.009 and 0.018 Å) having exocyclic double-bond S atoms. The anions interact by N-H...S hydrogen bonds to generate a chain running along [110]. The triethylammonium cations are hydrogen bonded to the anions with the ammonium H atom forming a hydrogen bond to the negatively-charged N atom of the anion. In the crystal structure, both triethylammonium cations are disordered over two orientations with equal occupancies.