

## The *lp*-S-C-NH<sup>+</sup> stereoelectronic interaction and effect of hydrogen bonding on it

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### *Crystal packing of compounds 1 and 2*

The dimers linked via NH...X hydrogen bonds are joined in layers by S(1)...S(1A) and S(2)...S(2A) weak contacts (the S...S are 3.639(1) and 3.437(1) Å). Obviously the hydrogen bonds cannot cause the elongation of S-C bonds, but the S...S contacts could possibly be the reason of inequality of the S-C bonds. However, the S(1)...S(1A) contact is significantly longer than the S(2)...S(2A) one while the difference between S(1)-C(2) and S(2)-C(2) bond lengths is merely negligible, and thus we can conclude that the S...S contacts do not affect the S-C bond lengths significantly.

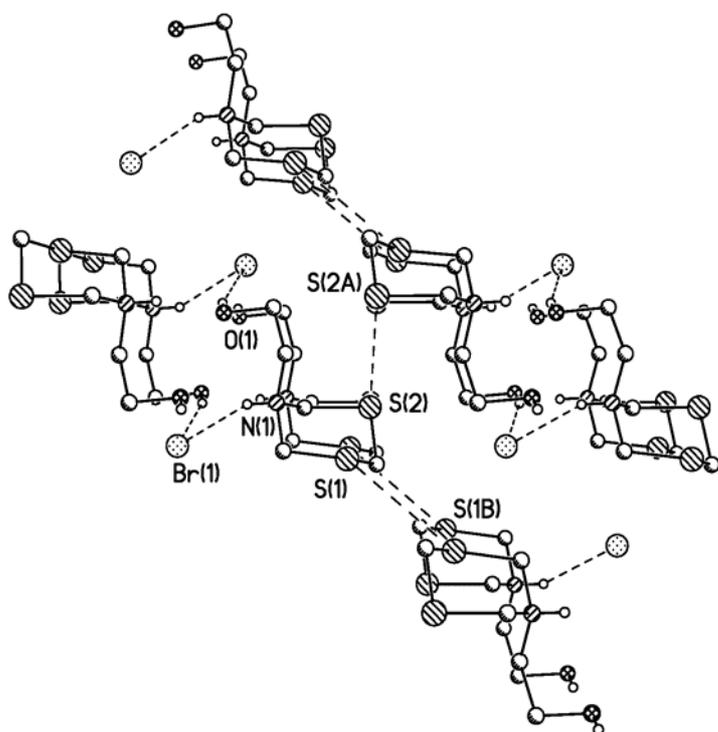


Figure 1. Fragment of crystal lattice of compound 1.