



Asiri, A.M., Akkurt, M., Khan, S.A., Arshad, M.N., Khan, I.U., Sharif, H.M.A.

**2-Benzenesulfonamidobenzoic acid**

(2009) *Acta Crystallographica Section E: Structure Reports Online*, 65 (6), pp. o1246-o1247. Cited 2 times.

<sup>a</sup> Chemistry Department, Faculty of Science, King Abdul-Aziz University, PO Box 80203, Jeddah 21589, Saudi Arabia

<sup>b</sup> Department of Physics, Faculty of Arts and Sciences, Erciyes University, 38039 Kayseri, Turkey

<sup>c</sup> Department of Chemistry, Government College University, Lahore, Pakistan

**Abstract**

In the title compound, C<sub>13</sub>H<sub>11</sub>NO<sub>4</sub>S, the dihedral angle between the planes of the benzene ring and the carboxyl group is 13.7 (1)°. The molecular structure contains intra-molecular N - H...O and C - H...O hydrogen-bonding interactions, while the crystal packing is stabilized by C - H...O and O - H...O hydrogen bonds and C - H...π interactions. The O - H...O hydrogen bonds form a cyclic dimer, with graph-set motif R<sub>2</sub><sup>2</sup>(8), about a centre of symmetry.

**ISSN:** 16005368