

Asiri, A.M.^{a b}, Khan, S.A.^b, Tahir, M.N.^c

2,4,5-Trimethoxybenzaldehyde monohydrate

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^a Center of Excellence for Advanced Materials Research, King Abdul Aziz University, PO Box 80203, Jeddah 21589, Saudi Arabia

^b Department of Chemistry, Faculty of Science, King Abdul Aziz University, PO Box 80203, Jeddah 21589, Saudi Arabia

^c Department of Physics, University of Sargodha, Sargodha, Pakistan

Abstract

In the title compound, C₁₀H₁₂O₄·H₂O, the 2,4,5-trimethoxybenzaldehyde molecule is almost planar (rms deviation = 0.0183 Å). There is an R 12(5) ring motif due to O—H···O hydrogen bonding. In the crystal, the molecules are stabilized in the form of one-dimensional polymeric chains extending along [010] due to O—H···O hydrogen bonding with adjacent water molecules. The H atoms involved in intermolecular hydrogen bonding are disordered over two sets of sites of equal occupancy.

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