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4-(5,3'-Dimethyl-5'-oxo-2-phenyl-2',5'-dihydro-2H-[3,4]bipyrazol-1'-yl)benzenesulfonamide monohydrate

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Abstract: In the title compound, $C_{20}H_{19}N_5O_3S \cdot H_2O$, the pyrazole ring is connected to a pyrazolone ring, and the two five-membered rings are aligned at $45.0(1)^\circ$. The pyrazole ring is connected to a phenyl ring and the two are twisted by $42.7(1)^\circ$. Finally, the pyrazolone ring is connected to a benzene ring and the two are twisted by $19.5(1)^\circ$. The N-H and -NH₂ portions and the solvent water molecules are engaged in N-H...N, N-H...O and O-H...O hydrogen-bonding interactions to generate a three-dimensional network.