

[Fe(N₂H₅)₂(SO₄)₂]_n 的合成、结构和磁性质

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Synthesis, Structure and Magnetic Properties of Iron(II) Sulfate Containing Hydrazine

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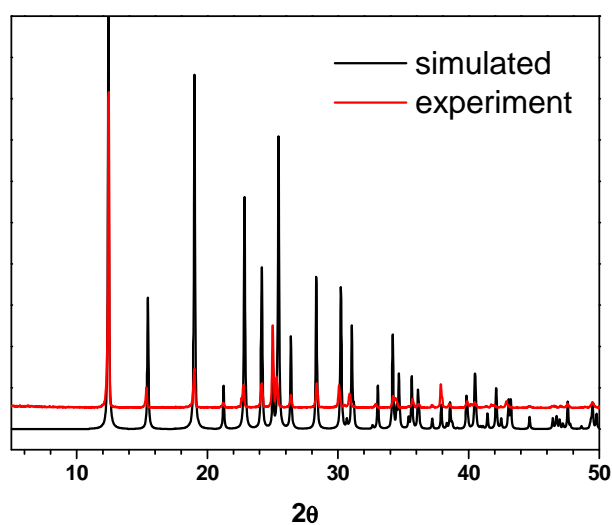


Fig.S1 Powder X-ray pattern of compound 1, the simulated pattern was calculated based on the single-crystal structure

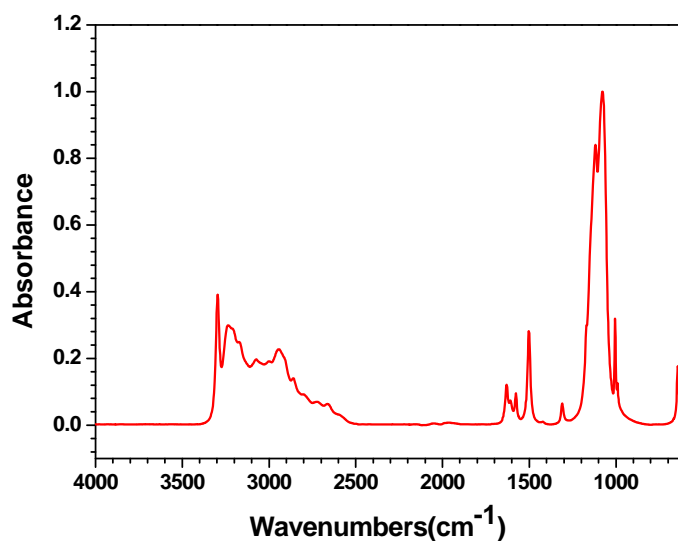


Fig.S2 FTIR spectra of compound 1

Table S1 The lengths and angles of H-bonds of compound 1

D-H···A	D-H(Å)	H···A(Å)	D···A(Å)	$\angle(\text{D-H}\cdots\text{A})$ (°)	Symmetry transformations
N1-H1A···O3	0.0900	0.2309	0.3025	136.28	[-x+1, -y+2, -z+2]
N1-H1B···O1	0.0900	0.2081	0.2891	149.19	[-x, y+1/2, -z+5/2]
N2-H2A···O4	0.0890	0.2260	0.2981	137.99	[x-1, y-1, z]
N2-H2A···O2	0.0890	0.2388	0.3085	135.28	[x, y-1, z]
N2-H2B···O1	0.0890	0.1900	0.2786	173.12	[-x+1, -y+2, -z+2]
N2-H2B···S2	0.0890	0.2794	0.3553	143.97	[-x+1, -y+2, -z+2]
N2-H2C···O3	0.0890	0.1997	0.2764	143.64	