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***catena*-Poly[[[bis(3-aminopyrazine-2-carboxylato)triaquaprasedymium(III)]- μ -3-aminopyrazine-2-carboxylato-[(3-aminopyrazine-2-carboxylato)diaquaformatoprasedymium(III)]- μ -3-aminopyrazine-2-carboxylato] hexahydrate]**

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Abstract: The asymmetric unit of the polymeric title compound, $\{[\text{Pr}_2(\text{C}_5\text{H}_4\text{N}_3\text{O}_2)_5(\text{CHO}_2)(\text{H}_2\text{O})_5] \cdot 6\text{H}_2\text{O}\}_n$, has two independent Pr^{III} atoms; one is coordinated by two water molecules and the other by three water molecules. The first is *N,O*-chelated by three 3-aminopyrazine-2-carboxylate ions, whereas the second is chelated by two carboxylate ions; both exist in a monocapped square-antiprismatic geometry. The polymeric chains that run along the *a* axis interact with the lattice water molecules, generating a three-dimensional hydrogen-bonded network. The formate ion is disordered over two positions with respect to the non-coordinated atoms in a 1:1 ratio.