



[(5-bromopyridinium-2-ylamino)(phosphono)methyl]phosphonate.

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Streszczenie

The title compound, C₆H₉BrN₂O₆P₂, a micromolar inhibitor of the farnesyl pyrophosphate synthase, is a Z-isomer zwitterion with one negative phosphonate group and a protonated pyridine N atom. Two types of ribbons, both parallel to the a axis, formed by several centrosymmetrically related O-H...O and N-H...O hydrogen bonds are generated in the crystal structure. The resulting two-dimensional (001) "double-layered" networks are joined into a three-dimensional network via inversion-related halogen-oxygen interactions.

Adres publiczny

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