

Hydrazine carbodithioic acid pyridinium-2-yl methyl ester chloride.

ABSTRACT

The title compound, [C₇H₁₀N₃S₂]⁺·Cl⁻, exists as an ionic compound of a dithiocarbamate system, with a zwitterionic +H₃NNCS⁻ moiety and a protonated pyridine ring. The C-S thione bond distance of the zwitterionic moiety [1.708 (2) Å] is longer than the normal double bond and the C-N of the carbamate moiety has double-bond character. The crystal packing is stabilized by intramolecular hydrogen bonds, which form a two-dimensional network perpendicular to b.

Keyword: 2-picolylchloride hydrochloride; Dithiocarbamic acids; Dithiocarbamate compounds.