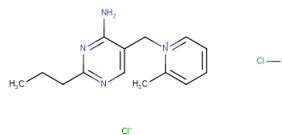


Product Name	: Amprolium Hydrochloride
Synonyms	: Amprol; Amprol 25; Thiacoccid; NSC 523454; NSC523454; Amprolium HCl
Cat No.	: M11564
CAS Number	: 137-88-2
Molecular Formula	: C ₁₄ H ₁₉ ClN ₄ ·HCl
Formula Weight	: 315.24
Chemical Name	: 1-((4-amino-2-propylpyrimidin-5-yl)methyl)-2-methylpyridin-1-ium chloride hydrochloride
Description	: Amprolium hydrochloride is a coccidiostat used in poultry, is a thiamine analogue and blocks the thiamine transporter of Eimeria species by blocking thiamine uptake it prevents carbohydrate synthesis.
Pathway	: Others
Target	: Other Targets
Receptor	: thiamine
Solubility	: Water: 63 mg/mL (199.84 mM); DMSO: 2 mg/mL (6.34 mM)
SMILES	: <chem>NC1=NC(CCC)=NC=C1C[N+]2=CC=CC=C2C.[H]Cl.[Cl-]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Hamamoto K, et al. J Vet Pharmacol Ther, 2000, 23(1), 9-14.