

Product Data Sheet

Product Name: Amprolium HCl

Cat. No.: GC17445

Chemical Properties

Cas. No. 137-88-2

Chemical Name 5-[(2-methylpyridin-1-ium-1-yl)methyl]-2-propylpyrimidin-4-amine;chloride;hydrochloride

SMILES CCCC1=NC=C(C(=N1)N)C[N+]2=CC=CC=C2C.Cl.[Cl-]

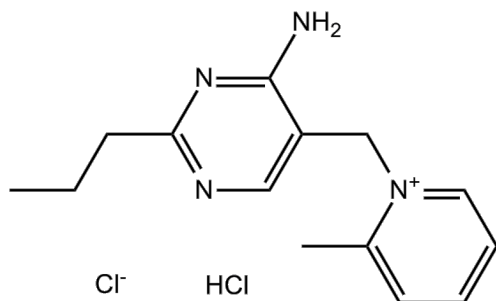
Formula $C_{14}H_{19}N_4 \cdot HCl \cdot Cl$ M.Wt 315.24

Solubility $\geq 14.25\text{mg/mL}$ in Water Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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