

Product Data Sheet

Product Name: Tetramisole HCl

Cat. No.: GC11352

Chemical Properties

Cas. No. 5086-74-8

Chemical Name 6-phenyl-2,3,5,6-tetrahydroimidazo[2,1-b][1,3]thiazole;hydrochloride

SMILES C1CSC2=NC(CN21)C3=CC=CC=C3.Cl

Formula $C_{11}H_{12}N_2S.HCl$ M.Wt 240.75

Solubility H_2O : 100 mg/mL (415.37 mM; Need ultrasonic); DMSO : 10 mg/mL (41.54 mM; Need ultrasonic) 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.

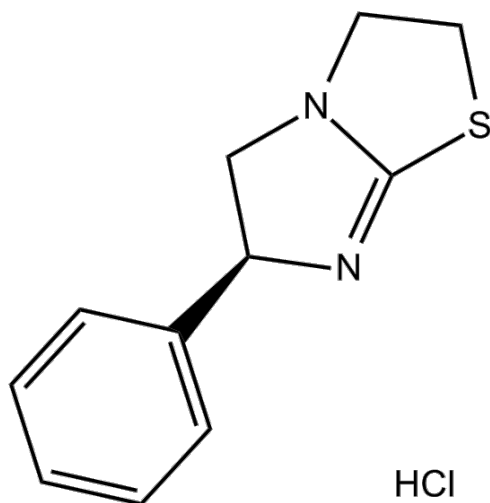
Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

Tetramisole hydrochloride is an inhibitor of alkaline phosphatases, is a high purity antiparasitic.

References:

[1]. Nowak LG, et al. Tetramisole and Levamisole Suppress Neuronal Activity Independently from Their Inhibitory Action on Tissue Non-specific Alkaline Phosphatase in Mouse Cortex. Subcell Biochem. 2015;76:239-81.

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