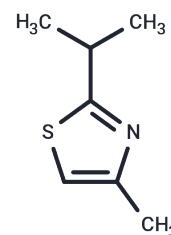


2-Isopropyl-4-methylthiazole

Chemical Properties

CAS No. :	15679-13-7
Formula:	C7H11NS
Molecular Weight:	141.23
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Isopropyl-4-methylthiazole is a thiazole derivative widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others
In vivo	2-Isopropyl-4-methylthiazole is safe at the proposed maximum use level of 0.5 mg/kg in complete feed for cattle, salmon, and non-food animals and at the recommended normal use level of 0.1 mg/kg in complete feed for pigs and poultry.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0806 mL	35.4032 mL	70.8065 mL
5 mM	1.4161 mL	7.0806 mL	14.1613 mL
10 mM	0.7081 mL	3.5403 mL	7.0806 mL
50 mM	0.1416 mL	0.7081 mL	1.4161 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

EFSA Panel on Additives and Products or Substances used in Animal Feed (FEEDAP). Safety and efficacy of thiazoles, thiophene and thiazoline belonging to chemical group 29 when used as flavourings for all animal species. EFSA J. 2016 Jun 3;14(6):e04441.

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