

2-Ethylthiophene

Chemical Properties

CAS No. :	872-55-9
Formula:	C ₆ H ₈ S
Molecular Weight:	112.193
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-Ethylthiophene is an ethyl-containing pyrazine commonly used in flavor preparation, organic synthesis and biochemical experiments.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.9135 mL	44.5673 mL	89.1345 mL
5 mM	1.7827 mL	8.9135 mL	17.8269 mL
10 mM	0.8913 mL	4.4567 mL	8.9135 mL
50 mM	0.1783 mL	0.8913 mL	1.7827 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

- Chang FF, et al. Construction and Photoluminescent Properties of Schiff-Base Macrocyclic Mono-/Di-/Trinuclear ZnII Complexes with the Common 2-Ethylthiophene Pendant Arm. *Inorg Chem.* 2019 Jun 17;58(12):7812-7821.
- Calin C, et al. Mutual inhibition effect of sulfur compounds in the hydrodesulfurization of thiophene, 2-ethylthiophene and benzothiophene ternary mixture. *Sci Rep.* 2021 Sep 24;11(1):19053.

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