Data Sheet (Cat.No.TN9390)

TargetMol

1-Ethyl-4-methylbenzene

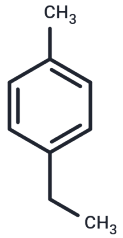
Chemical Properties

CAS No. : 622-96-8

Formula: C9H12

Molecular Weight: 120.19

Storage: Store at 4°C
Actual storage temperature shall be subject to the COA.



Biological Description

Description	1-Ethyl-4-methylbenzene exhibits molecular docking activity against T4 lysozyme (Kd = 120 μM) and can be used in biochemical experiments and drug synthesis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.3202 mL	41.6008 mL	83.2016 mL
5 mM	1.664 mL	8.3202 mL	16.6403 mL
10 mM	0.832 mL	4.1601 mL	8.3202 mL
50 mM	0.1664 mL	0.832 mL	1.664 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

Liu Z, et al. Characterizing the emission behaviors of cumulative VOCs from automotive solvent-based paint sludge. J Environ Manage. 2022 Sep 1;317:115369.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481