Data Sheet (Cat.No.T20455)

TargetMol

4-Ethoxybenzoic acid

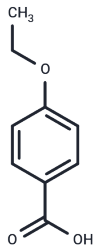
Chemical Properties

CAS No. : 619-86-3

Formula: C9H10O3

Molecular Weight: 166.17

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-Ethoxybenzoic acid is a compound of luminescent bioapplication.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0179 mL	30.0897 mL	60.1793 mL
5 mM	1.2036 mL	6.0179 mL	12.0359 mL
10 mM	0.6018 mL	3.009 mL	6.0179 mL
50 mM	0.1204 mL	0.6018 mL	1.2036 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

Runowski M, Ekner-Grzyb A, Mrówczyńska L, Balabhadra S, Grzyb T, Paczesny J, Zep A, Lis S. Synthesis and organic surface modification of luminescent, lanthanide-doped core/shell nanomaterials (LnF3@SiO2@NH2@organic acid) for potential bioapplications: spectroscopic, structural, and in vitro cytotoxicity evaluation. Langmuir. 2014 Aug 12;30(31):9533-43. doi: 10.1021/la501107a. Epub 2014 Jul 30. PubMed PMID: 25036848.

Wang Y, Kim JH, Baek JB, Miller GW, Pennell KD. Transport behavior of functionalized multi-wall carbon nanotubes in water-saturated quartz sand as a function of tube length. Water Res. 2012 Sep 15;46(14):4521-31. doi: 10.1016/j.watres.2012.05.036. Epub 2012 May 30. PubMed PMID: 22704927; PubMed Central PMCID: PMC3395080.

Kumar NA, Jeon IY, Sohn GJ, Jain R, Kumar S, Baek JB. Highly conducting and flexible few-walled carbon nanotube thin film. ACS Nano. 2011 Mar 22;5(3):2324-31. doi: 10.1021/nn103630y. Epub 2011 Mar 3. PubMed PMID: 21370892.

Bolling BW, Parkin KL. Phenolic derivatives from soy flour ethanol extract are potent in vitro quinone reductase (QR) inducing agents. J Agric Food Chem. 2008 Nov 26;56(22):10473-80. doi: 10.1021/jf801541t. PubMed PMID: 18956872.