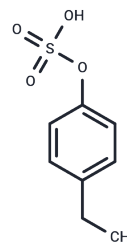


4-Ethylphenyl Sulfate

Chemical Properties

CAS No. :	85734-98-1
Formula:	C ₈ H ₁₀ O ₄ S
Molecular Weight:	202.23
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	4-Ethylphenyl Sulfate is an intestinal microbial metabolite that reduces mature oligodendrocytes and myelin formation in the brain, affects PVT gene expression, and promotes anxiety-like behaviour in mice.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9449 mL	24.7243 mL	49.4486 mL
5 mM	0.989 mL	4.9449 mL	9.8897 mL
10 mM	0.4945 mL	2.4724 mL	4.9449 mL
50 mM	0.0989 mL	0.4945 mL	0.989 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

Archana, Kumar A, Solanki PR. 4-Ethylphenyl Sulfate Detection by an Electrochemical Sensor Based on a MoS₂ Nanosheet-Modified Molecularly Imprinted Biopolymer. ACS Appl Bio Mater. 2024 Jun 17;7(6):3841-3853.

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