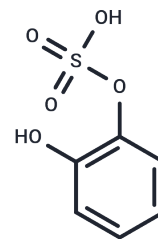


Pyrocatechol sulfate

Chemical Properties

CAS No. :	4918-96-1
Formula:	C ₆ H ₆ O ₅ S
Molecular Weight:	190.17
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	Pyrocatechol sulfate, a phenolic metabolite found in human plasma, is associated with the intake of specific foods such as berries and the state of the gut microbiome. It serves as a potential urinary biomarker for kidney function, dialysis clearance rates, whole grain consumption, and regular coffee intake. Additionally, in conjunction with other phenolic sulfates, pyrocatechol sulfate plays a role in regulating various biological functions, including those related to brain health and the rhythmic beating of cardiac cells.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2585 mL	26.2923 mL	52.5845 mL
5 mM	1.0517 mL	5.2585 mL	10.5169 mL
10 mM	0.5258 mL	2.6292 mL	5.2585 mL
50 mM	0.1052 mL	0.5258 mL	1.0517 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.

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