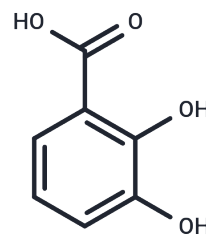


Pyrocatechuic acid

Chemical Properties

CAS No. :	303-38-8
Formula:	C7H6O4
Molecular Weight:	154.12
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pyrocatechuic acid (Catecholcarboxylic acid), a normal human benzoic acid metabolite found in plasma, has increased levels after aspirin ingestion.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 15 mg/mL (97.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4885 mL	32.4423 mL	64.8845 mL
5 mM	1.2977 mL	6.4885 mL	12.9769 mL
10 mM	0.6488 mL	3.2442 mL	6.4885 mL
50 mM	0.1298 mL	0.6488 mL	1.2977 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.

Reference

AJ, Trygg J, et al. Extraction and GC/MS analysis of the human blood plasma metabolome. Anal Chem. 2005 Dec 15;77(24):8086-94.

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