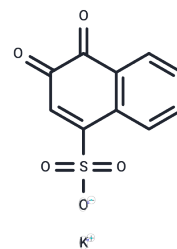


Potassium 1,2-naphthoquinone-4-sulphonate

Chemical Properties

CAS No. :	5908-27-0
Formula:	C ₁₀ H ₅ KO ₅ S
Molecular Weight:	276.31
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	Potassium 1,2-naphthoquinone-4-sulphonate (Compound 16) acts as an inhibitor of 6-phosphogluconate dehydrogenase (6PGDH) with an IC ₅₀ of 53 μM. This compound is applicable in research related to human African trypanosomiasis.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6191 mL	18.0956 mL	36.1912 mL
5 mM	0.7238 mL	3.6191 mL	7.2382 mL
10 mM	0.3619 mL	1.8096 mL	3.6191 mL
50 mM	0.0724 mL	0.3619 mL	0.7238 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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