

Potassium p-nitrophenyl sulfate

Chemical Properties

CAS No. :	6217-68-1
Formula:	C ₆ H ₄ KNO ₆ S
Molecular Weight:	257.262
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	p-Nitrophenyl Sulfate potassium serves as a chromogenic substrate for arylsulfatase. Under the enzymatic cleavage by arylsulfonase, p-nitrophenol is released, which can be quantitatively measured through colorimetric detection at 400 nm to assess arylsulfonase activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8871 mL	19.4356 mL	38.8712 mL
5 mM	0.7774 mL	3.8871 mL	7.7742 mL
10 mM	0.3887 mL	1.9436 mL	3.8871 mL
50 mM	0.0777 mL	0.3887 mL	0.7774 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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