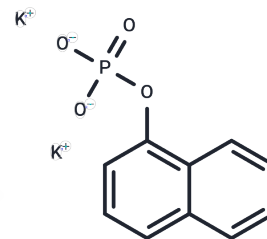


## 1-Naphthyl phosphate potassium salt

## Chemical Properties

CAS No. :	100929-85-9
Formula:	C <sub>10</sub> H <sub>7</sub> K <sub>2</sub> O <sub>4</sub> P
Molecular Weight:	300.33
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	1-Naphthyl phosphate potassium salt inhibits non-specific phosphatase.
Targets(IC50)	Phosphatase

## Solubility Information

Solubility	DMSO: 20 mg/mL (66.59 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	3.3297 mL	16.6484 mL	33.2967 mL
5 mM	0.6659 mL	3.3297 mL	6.6593 mL
10 mM	0.333 mL	1.6648 mL	3.3297 mL
50 mM	0.0666 mL	0.333 mL	0.6659 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

Nikita Oskolkov, et al. NickFects, Phosphorylated Derivatives of Transportan 10 for Cellular Delivery of Oligonucleotides. International Journal of Peptide Research and Therapeutics volume 17, Article number: 147 (2011).

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481