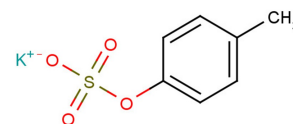


## p-Methylphenyl potassium sulfate

**Chemical Properties**

CAS No.:	91978-69-7
Formula:	C <sub>7</sub> H <sub>7</sub> KO <sub>4</sub> S
Molecular Weight:	226.29
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	p-Methylphenyl potassium sulfate, a prototype protein-bound uremic toxin.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	DMSO: 300 mg/mL (1325.73 mM) H <sub>2</sub> O: 100 mg/mL (441.91 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.419 mL	22.096 mL	44.191 mL
5 mM	0.884 mL	4.419 mL	8.838 mL
10 mM	0.442 mL	2.21 mL	4.419 mL
50 mM	0.088 mL	0.442 mL	0.884 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

- Gryp T, et al. p-Cresyl Sulfate. Toxins (Basel). 2017 Jan 29;9(2).

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481