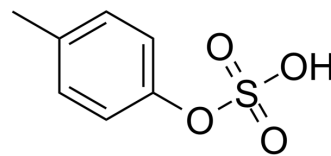


## p-Cresyl sulfate

Cat. No.:	HY-111431
CAS No.:	3233-58-7
Molecular Formula:	C <sub>7</sub> H <sub>8</sub> O <sub>4</sub> S
Molecular Weight:	188.2
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	p-Cresyl Sulfate, a major uremic toxin derived from the metabolites of tyrosine and phenylalanine through liver, existed in the blood of patients with chronic kidney disease (CKD).	
IC <sub>50</sub> & Target	Microbial Metabolite	Human Endogenous Metabolite

### REFERENCES

- [1]. Peng YS, Syu JP, Wang SD, Pan PC, Kung HN. BSA-bounded p-cresyl sulfate potentiates the malignancy of bladder carcinoma by triggering cell migration and EMT through the ROS/Src/FAK signaling pathway. *Cell Biol Toxicol.* 2020;36(4):287-300.
- [2]. Gryp T, Vanholder R, Vaneechoutte M, Glorieux G. p-Cresyl Sulfate. *Toxins (Basel).* 2017;9(2):52. Published 2017 Jan 29.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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