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# Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand


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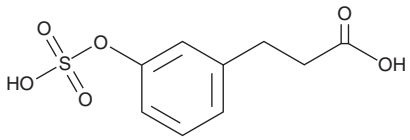
# PRODUCT INFORMATION

## 3-(3-Hydroxyphenyl)propionic Acid sulfate

*Item No. 9004103*

**CAS Registry No.:** 86321-32-6
**Formal Name:** 3-(sulfooxy)-benzenepropanoic acid
**Synonym:** 3-HPPA sulfate
**MF:** $C_9H_{10}O_6S$
**FW:** 246.2
**Purity:** ≥95%
**Supplied as:** A crystalline solid
**Storage:** -20°C
**Stability:** ≥2 years
**Item Origin:** Synthetic




*Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.*

### Laboratory Procedures

3-(3-Hydroxyphenyl)propionic acid (3-HPPA) sulfate is supplied as a crystalline solid. A stock solution may be made by dissolving the 3-HPPA sulfate in the solvent of choice, which should be purged with an inert gas. 3-HPPA sulfate is soluble in methanol.

### Description

3-HPPA sulfate is a metabolite of a variety of phenols, including ferulic acid (Item No. 19871), dihydroferulic acid, and dihydrocaffeic acid (Item No. 28390), and the glycosides echinacoside (Item No. 29927) and acteoside.[1,2] Urinary excretion of 3-HPPA sulfate is reduced in protein-deficient mice infected with *C. parvum* and increased in mice fed wheat bran or functionalized wheat bran.[3]

### References


1. Ma, Y., Lu, Y., Petrofsky, K., *et al*. Double-edged metabolic effects from short-term feeding of functionalized wheat bran to mouse revealed by metabolomic profiling. *J. Agric. Food Chem* **69(23)**, 6543-6555 (2021).
2. Cui, Q., Pan, Y., Bai, X., *et al*. Systematic characterization of the metabolites of echinacoside and acteoside from *Cistanche tubulosa* in rat plasma, bile, urine and feces based on UPLC-ESI-Q-TOF-MS. *Biomed. Chromatogr.* **30(9)**, 1406-1415 (2015).
3. Bolick, D.T., Mayneris-Perxachs, J., Medlock, G.L., *et al*. Increased urinary trimethylamine n-oxide following cryptosporidium infection and protein malnutrition independent of microbiome effects. *J. Infect. Dis.* **216(1)**, 64-71 (2017).





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