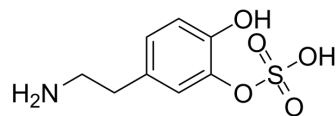


Dopamine 3-O-sulfate

| | |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.: | HY-113305 |
| CAS No.: | 51317-41-0 |
| Molecular Formula: | C ₈ H ₁₁ NO ₃ S |
| Molecular Weight: | 233.24 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Dopamine 3-O-sulfate mainly exists in plasma and can be used as a biomarker to characterize aromatic amino acid decarboxylase (AADC) deficiency ^[1] . |
| IC ₅₀ & Target | Human Endogenous Metabolite |

REFERENCES

[1]. Kirk L Pappan, et al. Clinical Metabolomics to Segregate Aromatic Amino Acid Decarboxylase Deficiency From Drug-Induced Metabolite Elevations. *Pediatr Neurol.* 2017 Oct;75:66-72.

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

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