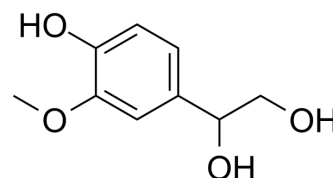


## 3-Methoxy-4-hydroxyphenylglycol

|                    |   |       |          |
|--------------------|---|-------|----------|
| Cat. No.:          | HY-113323                                     |       |          |
| CAS No.:           | 534-82-7                                      |       |          |
| Molecular Formula: | C <sub>9</sub> H <sub>12</sub> O <sub>4</sub> |       |          |
| Molecular Weight:  | 184.19  |       |          |
| Target:            | Endogenous Metabolite                         |       |          |
| Pathway:           | Metabolic Enzyme/Protease                     |       |          |
| Storage:           | Powder  | -20°C | 3 years  |
|                    |   | 4°C   | 2 years  |
|                    | In solvent                                    | -80°C | 6 months |
|                    |   | -20°C | 1 month  |



### BIOLOGICAL ACTIVITY

|                           |   |
|---------------------------|---|
| Description               | 3-Methoxy-4-hydroxyphenylglycol (HMPG) is a metabolite of norepinephrine degradation in the brain. 3-Methoxy-4-hydroxyphenylglycol is an indicators of central nervous system noradrenergic activity. 3-Methoxy-4-hydroxyphenylglycol can be used for research of depression, chronic schizophrenia, etc <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | Human Endogenous Metabolite   |

### REFERENCES

[1]. Lambert GW, et al. Regional origins of 3-methoxy-4-hydroxyphenylglycol in plasma: effects of chronic sympathetic nervous activation and denervation, and acute reflex sympathetic stimulation. J Auton Nerv Syst. 1995 Nov 6;55(3):169-78.

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

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