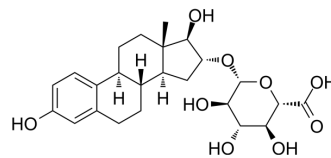


## Estriol 16 $\alpha$ -( $\beta$ -D-glucuronide)

Cat. No.:	HY-113105
CAS No.:	1852-50-2
Molecular Formula:	C <sub>24</sub> H <sub>32</sub> O <sub>9</sub>
Molecular Weight:	464.51
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Estriol 16 $\alpha$ -( $\beta$ -D-glucuronide) is an endogenous metabolite present in Urine that can be used for the research of Pregnancy [1][2].
<b>In Vitro</b>	Endogenous metabolites is defined as those that are annotated by Kyoto Encyclopedia of Genes and Genomes as substrates or products of the ~1900 metabolic enzymes encoded in our genome. It is clear in the body of literature that there are documented toxic properties for many of these metabolites <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Yang YJ, et al. Direct determination of estriol 3- and 16-glucuronides in pregnancy urine by column-switching liquid chromatography with electrospray tandem mass spectrometry. *Biomed Chromatogr.* 2003 Jun;17(4):219-25.
- [2]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. *Oncogene.* 2020 Aug;39(35):5709-5720.

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

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