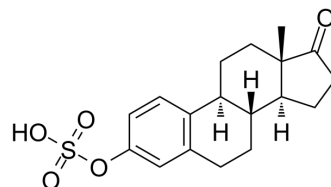


Estrone sulfate

Cat. No.:	HY-113293
CAS No.:	481-97-0
Molecular Formula:	C ₁₈ H ₂₂ O ₅ S
Molecular Weight:	350.43
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Estrone sulfate is an endogenous metabolite present in Blood that can be used for the research of X-Linked Ichthyosis and Obesity ^{[1][2][3]} .
IC ₅₀ & Target	Human Endogenous Metabolite
In Vitro	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 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Cell Res. 2023 Sep 6.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Lykkesfeldt G, et al. Abnormal androgen and oestrogen metabolism in men with steroid sulphatase deficiency and recessive X-linked ichthyosis. Clin Endocrinol (Oxf). 1985 Oct;23(4):385-93.
- [2]. Brind J, et al. Obese men have elevated plasma levels of estrone sulfate. Int J Obes. 1990 Jun;14(6):483-6.
- [3]. 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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