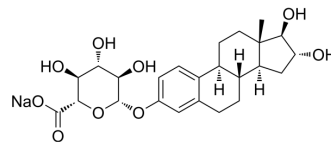


Estriol 3-glucuronide sodium salt

Cat. No.:	HY-137321
CAS No.:	15087-06-6
Molecular Formula:	C ₂₄ H ₃₁ NaO ₉
Molecular Weight:	486.49
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Estriol 3-glucuronide (Estriol 3-β-D-Glucuronide) sodium salt is a metabolite of Estriol. Estriol 3-glucuronide sodium salt competitively inhibits the hydrolysis of 4-methylumbelliferyl-β-D-glucuronide (4Mu-GlcU). Estriol 3-glucuronide sodium salt is a substrate for hydrolysis by Klotho-human IgG1 Fc protein (KLFc)^[1].

REFERENCES

[1]. Osamu Tohyama, et al. Klotho is a novel beta-glucuronidase capable of hydrolyzing steroid beta-glucuronides. J Biol Chem. 2004 Mar 12;279(11):9777-84.

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

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