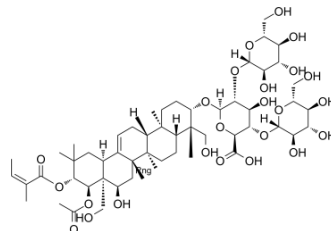


Escin IB

Cat. No.:	HY-N0555
CAS No.:	26339-90-2
Molecular Formula:	C ₅₅ H ₈₆ O ₂₄
Molecular Weight:	1131.26
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Escin IB is a saponin isolated from skin and the endosperm of seeds of horse chestnut (<i>Aesculus hippocastanum</i>). Escin IB shows inhibitory effect on pancreatic lipase activity ^{[1][2]} .
IC₅₀ & Target	Pancreatic lipase ^[2]

REFERENCES

- [1]. Abudayeh ZH, et al. Determination of Four Major Saponins in Skin and Endosperm of Seeds of Horse Chestnut (*Aesculus Hippocastanum* L.) Using High Performance Liquid Chromatography with Positive Confirmation by Thin Layer Chromatography. *Adv Pharm Bull*. 2015 Nov;5(4):587-91.
- [2]. Hu JN, et al. Anti-obesity effects of escins extracted from the seeds of *Aesculus turbinata* BLUME (Hippocastanaceae). *Chem Pharm Bull (Tokyo)*. 2008 Jan;56(1):12-6.

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

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