

Product Name	: Escin IB
Synonyms	: —
Cat No.	: M21789
CAS Number	: 26339-90-2
Molecular Formula	: C ₅₅ H ₈₆ O ₂₄
Formula Weight	: 1131.26
Chemical Name	: —
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.
Pathway	: Natural Products
Target	: Terpenoids
Receptor	: —
Solubility	: —
SMILES	: <chem>OC[C@]1([C@H]2OC(C)=O)[C@](CC(C)C)[C@H]2OC(C)=O)([H])C3=CC[C@]4([H])[C@@](C)(CC[C@]5([H])[C@@]4(CC[C@H](O[C@@]([C@H](C(O)=O)[C@@H](O[C@]([C@@H]([C@@H](O)[C@@H]6O)O)([H])O[C@@H]6CO)[C@@H]7O)([H])[C@@H]7O[C@]([C@@H]([C@@H](O)[C@@H]8O)O)([H])O[C@@H]8CO)[C@]5(C)CO)C)[C@]3(C)-@C[C@H]1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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.