

Product Name	: Plantagoside
Synonyms	: —
Cat No.	: M19830
CAS Number	: 78708-33-5
Molecular Formula	: C ₂₁ H ₂₂ O ₁₂
Formula Weight	: 466.39
Chemical Name	: —
Description	: Plantagoside is a specific non-competitive inhibitor for jack bean alpha-mannosidase (IC ₅₀ : 5 μM). It also is a potent inhibitor of the Maillard reaction.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO:10 mM
SMILES	: <chem>OC[C@H]1O[C@@H](Oc2cc(cc(O)c2O)[C@@H]2CC(=O)c3c(O)cc(O)cc3O2)[C@H](O)[C@@H](O)[C@@H]1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Matsuura N et al. Potent protein glycation inhibition of plantagoside in Plantago major seeds. Biomed Res Int. 2014;2014:208539.