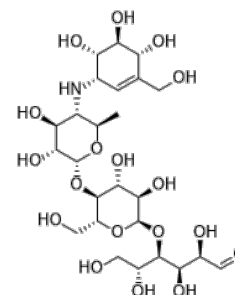


Product Name : Acarbose
Cat. No. : PC-26815
CAS No. : 56180-94-0
Molecular Formula : C₂₅H₄₃NO₁₈
Molecular Weight : 645.61
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Acarbose (BAY g 5421) is an antihyperglycemic agent and orally active alpha-glucosidase (α -glucosidase) inhibitor with IC₅₀ of 11 nM, potentiates the hypoglycemic effects of sulfonylureas or insulin.

References

- Yee HS, et al. *Pharmacotherapy*. 1996;16(5):792-805.
Zhang Q, et al. *PLoS One*. 2013 Nov 18;8(11):e79697.
Hanefeld M, et al. *Expert Rev Cardiovasc Ther*. 2008;6(2):153-163.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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