

## Acarbose

Catalog No: #S0247

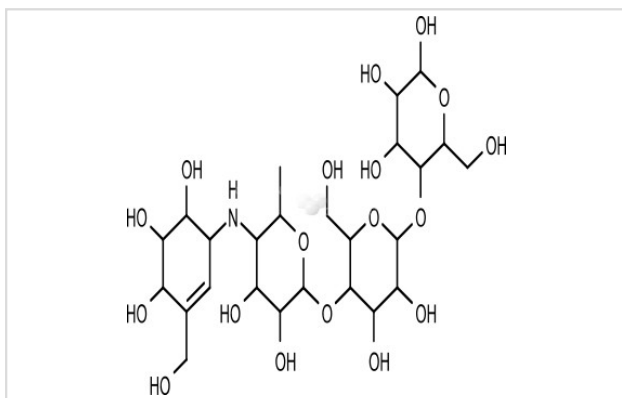
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## Description

Product Name	Acarbose
Brief Description	Inhibitors
Purification	99.88%
Target Name	Glucokinase inhibitor
Calculated MW	645.6
Formulation	C25H43NO18
Storage	3 years -20°C powder;2 years -80°C in solvent;

## Images



## Product Description

Research Area:Metabolism

systemSMILES:C[C@@H]1[C@H]([C@@H]([C@H]([C@H](O1)O)[C@@H]2[C@H](O[C@@H]([C@@H]([C@H]2O)O)O)[C@@H]3[C@H](OC([C@@H]([C@H]3O)O)O)CO)O)N[C@H]4C=C([C@H]([C@@H]([C@H]4O)O)O)COPathways:MetabolismReceptor:α-glucosidaseBoiling pt:971.6CMelting pt:165-170CSolubility:Ethanol: 8 mg/mL (12.39 mM); Water: 129 mg/mL (199.81 mM); DMSO: 129 mg/mL (199.81 mM)Appearance:White PowderRemark:For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20 °C for several month.

## References

1. Martin AE, Montgomery PA. Am J Health Syst Pharm. 1996 Oct 1;53(19):2277-90; quiz 2336-7.

Note: This product is for in vitro research use only