

Acarbose

Catalog No: tcsc1787



Available Sizes

Size: 200mg

Size: 1g



Specifications

CAS No:

56180-94-0

Formula:

$C_{25}H_{43}NO_{18}$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

H2O : 325 mg/mL (503.41 mM; Need ultrasonic)

Alternative Names:

BAY g 5421

Observed Molecular Weight:

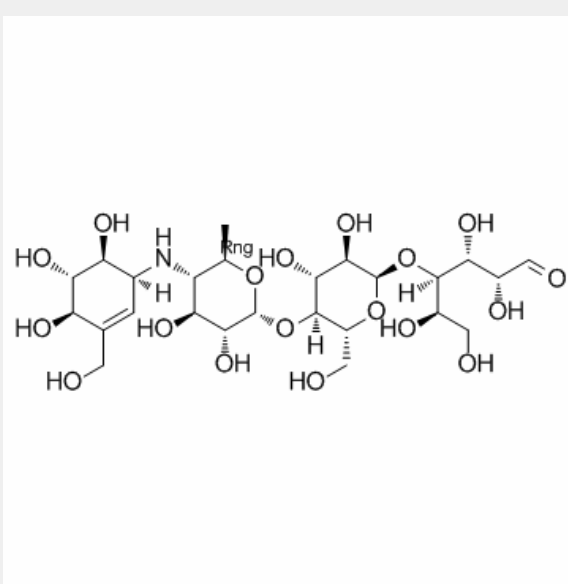
645.6

Product Description

Acarbose is an inhibitor of alpha glucosidase, an anti-diabetic drug.

In Vitro:

In Vivo: Acarbose (300 mg/60 kg body weight) decreases the fasting blood glucose, and regulates the glucose tolerance of DM rats without body weight loss. Acarbose significantly suppresses serum IL6 and TNF- α in DM rats^[1]. Acarbose (2.5 and 5.0 mg/kg) significantly and dose-dependently decreases the intensity of neointimal IL-6, TNF- α , and iNOS staining, and significantly increases the intensity of neointimal p-AMPK staining. Acarbose (2.5 and 5.0 mg/kg) significantly and dose-dependently decreases neointimal Ras and β -galactosidase expression in HCD-fed rabbits without body weight loss^[2].



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