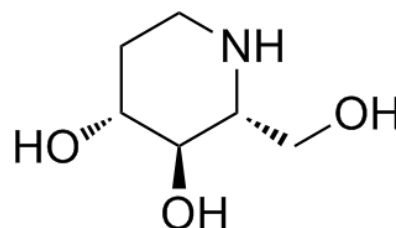


Product Name : D-Fagomine
Cat. No. : PC-43315
CAS No. : 53185-12-9
Molecular Formula : C₆H₁₃NO₃
Molecular Weight : 147.1723
Target : Other Targets
Solubility : H₂O: ≥ 36 mg/mL



Biological Activity

D-Fagomine (Fagomine) is a mild **glycosidase** inhibitor, inhibits Amyloglucosidase (*A.niger*), β-Glucosidase (bovine), and Isomaltase (yeast) with *K_i* of 4.8 μM, 39 μM, and 70 μM, respectively.

D-Fagomine counteracts the short-term effects of a high-energy-dense diet on body weight, fasting blood glucose levels and the proportion of gut Enterobacteriales, reduces the amount of Enterobacteriales excreted by rats fed HFHS.

References

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Ramos-Romero S, et al. *Obesity (Silver Spring).* 2014 Apr;22(4):976-9.

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

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