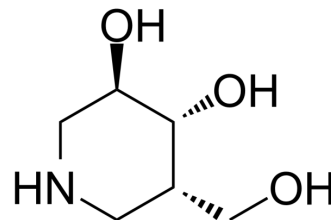


## L-Afegostat

Cat. No.:	HY-14829F
CAS No.:	202979-51-9
Molecular Formula:	C <sub>6</sub> H <sub>13</sub> NO <sub>3</sub>
Molecular Weight:	147.17
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

L-Afegostat (5-epi-Isosagomine) is a glycosidase inhibitor. L-Afegostat is an iminosugar that can be used for the synthesis of carbohydrates. L-Afegostat shows enzyme inhibition to  $\beta$ -Glucosidase with an  $K_i$  of 30  $\mu$ M<sup>[1]</sup>.

### REFERENCES

[1]. Pandey G, et al. A new access to polyhydroxy piperidines of the azasugar class: synthesis and glycosidase inhibition studies. *Org Biomol Chem*. 2003 Oct 7;1(19):3321-6.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA