Product Datasheet

Fructosyl-valine

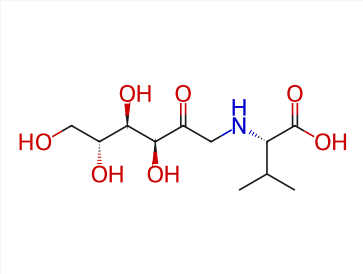
Catalog No. **BP-06858** · CAS **10003-64-2** · Form **free base** · Physical state **solid** · Color **Light yellow to brown** · Version **1.0** · Revision **2026-11-16**

FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.

Target	Research area
Endogenous Metabolite	**Metabolic Disease**

Molecular formula	$C_{11}H_{21}NO_7$
Molecular weight	**279.2869**

STRUCTURE



DESCRIPTION

Fructosylvaline (Fructose Valine) is a model fructosyl-amine (Amadori compound) for glycated hemoglobin. Fructosylvaline can be used as a nitrogen source to cultivate microbial strains .

REFERENCES

[1]. K Sode, et al. Screening and characterization of fructosyl-valine-utilizing marine microorganisms. Mar Biotechnol (NY). 2001 Mar;3(2):126-32.