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# **Product Datasheet**

# GC7288 - L-(-)-Fucose

### **Product Details**

Product Name L-(-)-Fucose
Glentham Code GC7288
CAS Number 2438-80-4
EINECS 219-452-7
Additional CAS 6696-41-9
MDL Number MFCD00135607

Bellstein Registry Number

Registry 1723321

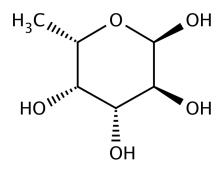
PubChem SID 310273955

Related Categories Carbohydrates, Core

Carbohydrates, Core Carbohydrates, Biochemicals

#### **Structure**

Molecular Weight : 164.16 Molecular Formula :  $C_6H_{12}O_5$ 



#### Storage

Recommended storage temperature: +20°C.

#### **Hazards and Transport**

Not classified as hazardous under CLP. Not classified as dangerous for transport.

# **Glentham Product Specification**

Physical : White to almost white crystalline

Description powder

Identification (IR) : To conform to standard Specific Optical : -72.0 - -77.0 ° (c=1, water)

Rotation ([α]20/D)

Melting Point : 135.0 - 139.0 °C

Water (KF) :  $\leq 1.0\%$ Purity (HPLC) :  $\geq 98.0\%$ Version : v1.2

## About L-(-)-Fucose

L-Fucose is a naturally occurring deoxyhexose monosaccharide. It is found in mammalian n-linked glycans and is also a fundamental subunit of fucoidan, a polysaccharide found in brown seaweed. L-fucose has applications in cosmetics and as a substrate in enzyme studies. This product is manufactured from seaweed.

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Page 1 of 1 Printed: 2025-04-16 17:08:09