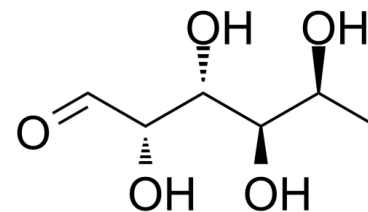


Data Sheet

Product Name:	(-)-Fucose
Cat. No.:	CS-0016990
CAS No.:	2438-80-4
Molecular Formula:	C ₆ H ₁₂ O ₅
Molecular Weight:	164.16
Target:	Endogenous Metabolite; Parasite
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Solubility:	DMSO : 100 mg/mL (609.16 mM; Need ultrasonic); H ₂ O : 100 mg/mL (609.16 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

(-)-Fucose is classified as a member of the hexoses, plays a role in A and B blood group antigen substructure determination, selectin-mediated leukocyte-endothelial adhesion, and host-microbe interactions.

References:

[1]. Becker DJ, et al. Fucose: biosynthesis and biological function in mammals. *Glycobiology*. 2003 Jul;13(7):41R-53R.

CAIndexNames:

L-Galactose, 6-deoxy-

SMILES:

O=C[C@H]([C@@H]([C@@H]([C@H](C)O)O)O)O

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

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