

Product Information

N-(1-Deoxy-D-fructos-1-yl)-L-methionine

Cat. No.: X22-07-ZQ430

Size: 10 mg; 100 mg

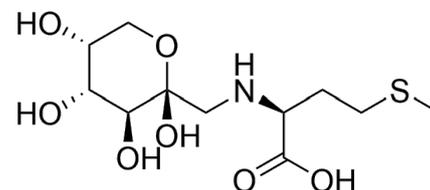
CAS Number: 20638-92-0

Synonym: 20638-92-0; *N*-(1-Deoxy-1-fructosyl)methionine;

(2*S*)-4-methylsulfanyl-2-[[[(3*S*,4*R*,5*R*

)-2,3,4-trihydroxy-5-(hydroxymethyl)oxolan-2-yl]methylamino]butanoic acid

This product is for research use only and is not intended for diagnostic use.



Product Information

Molecular Weight	311.35
Molecular Formula	C ₁₁ H ₂₁ NO ₇ S
InChI	InChI=1S/C11H21NO7S/c1-20-3-2-6(10(16)17)12-5-11(18)9(15)8(14)7(4-13)19-11/h6-9,12-15,18H,2-5H2,1H3,(H,16,17)/t6-,7+,8+,9-,11?/m0/s1
InChI Key	KEGDHFMPWJTRFP-ZVSNZSLMSA-N
Canonical SMILES	CSCCC(C(=O)O)NCC1(C(C(C(O1)CO)O)O)O
Isomeric SMILES	CSCC[C@@H](C(=O)O)NCC1([C@H]([C@@H]([C@H](O1)CO)O)O)O
Form	Powder
Purity	95%, determined by HPLC.
Applications	<i>N</i> -(1-Deoxy-D-fructos-1-yl)-L-methionine can be used in the synthesis of peptide.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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