



Product Information

2-Amino-2-deoxy-D-gluconic acid, 96%

Cat. No.: XCM0239

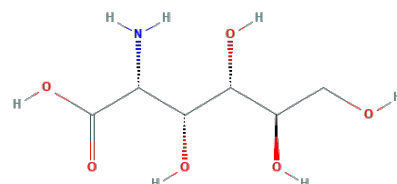
Size: 1 g; 2 g; 5 g; 10 g; 25 g; 50 g

MDL: MFCD00037764

CAS Number: 3646-68-2

Compound CID: 73563

Synonym: D-Glucosaminic acid; 3646-68-2; 2-Amino-2-deoxy-D-gluconic acid; Glucosaminic acid



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

Product Information

Molecular Weight	195.17
Molecular Formula	C ₆ H ₁₃ NO ₆
InChI	InChI=1S/C6H13NO6/c7-3(6(12)13)5(11)4(10)2(9)1-8/h2-5,8-11H,1,7H2,(H,12,13)/t2-,3-,4-,5-/m1/s1
InChI Key	UFYKDFXCZBTLOO-TXICZTDVSA-N
Canonical SMILES	C(C(C(C(C(C(=O)O)N)O)O)O)O
Biological Source	Synthetic
Form	White to off-white crystalline powder
Purity	>96%, determined by HPLC
Identity	Confirmed by ¹ H NMR and MS.
Applications	2-amino-2-deoxy-D-gluconic acid is hexanoic acid with four hydroxy groups at C-3, C-4, C-5, C-6, and an amino group at C-2. It has a role as a bacterial metabolite.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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