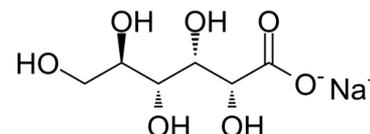


Data Sheet

Product Name:	Gluconate (sodium)
Cat. No.:	CS-4777
CAS No.:	527-07-1
Molecular Formula:	C ₆ H ₁₁ NaO ₇
Molecular Weight:	218.14
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	H ₂ O : ≥ 100 mg/mL (458.42 mM)



BIOLOGICAL ACTIVITY:

Gluconate sodium (D-Gluconic acid sodium salt) is a corrosion and scale inhibitor of ordinary steel in simulated cooling water.

References:

[1]. R Touir, et al. Sodium gluconate as corrosion and scale inhibitor of ordinary steel in simulated cooling water. Corrosion Science Volume 50, Issue 6, June 2008, Pages 1530-1537

CAIndexNames:

D-Gluconic acid, sodium salt (1:1)

SMILES:

O[C@H]([C@H]([C@@H]([C@H](CO)O)O)C([O-])=O).[Na+]

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

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