

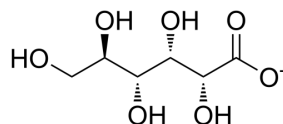
D-Gluconic acid (calcium hydrate)

Cat. No.: HY-Y0569B
CAS No.: 66905-23-5
Batch No.: 79096
Chemical Name: D-Gluconic acid, calcium salt, hydrate (2:1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_{12}O_7 \cdot 1/2Ca \cdot 1/2H_2O$
Molecular Weight: 225.20
Storage: 4°C, sealed storage, away from moisture
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



$1/2 Ca^{2+}$

$1/2 H_2O$

ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): ≥98.0%
Conclusion: The product has been tested and complies with the given specifications.

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

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