Certificate of Analysis

Fondaparinux (sodium)

Cat. No.: HY-B0597

CAS No.: 114870-03-0

Batch No.: 41619

Chemical Name: α-D-Glucopyranoside, methyl O-2-deoxy-6-O-sulfo-2-(sulfoamino)-α-D-glucopyranosyl-(1→4)-O-β-D-glucopyranuronosyl-(1→4)-O-2-deoxy-3,6-di-O-sulfo-2-(sulfoamino)-α-D-glucopyranosyl-(1→4)-O-2-O-sulfo-α-L-idopyranuronosyl-(1→4)-2-deoxy-2-(sulfoamino)-, 6-(hydrogen sulfate), sodium salt (1:10)

PHYSICAL AND CHEMICAL PROPERTIES

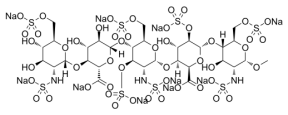
Molecular Formula: $C_{31}H_{43}N_3Na_{10}O_{49}S_8$

Molecular Weight: 1728.08

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

^{1}H 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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