

Screening Libraries

Proteins



Certificate of Analysis

Baliforsen (sodium)

Cat. No.: HY-145725 CAS No .: 1687746-79-7 Batch No.: 355933

Chemical Name: DNA, $d(P-thio)([2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]m5rC-(3'\rightarrow 4')-[2',5'-anhydro]$

> -6'-deoxy-4'-C-(hydroxymethyl)-α-L-mannofurano]m5C-(3' \rightarrow 4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-α-L-mannofurano]m5C-(3' \rightarrow 4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-[2',5'-anhydroxymethyl)-[2',5'-anhydroxymethyl)-[2',5'-anhydroxymethyl)-[2',5'-anhydroxymethyl)-[2',5'-anhydroxymethyl)-[2',5'-anhydroxymethyl)-[2',5'-a droxymethyl)-α-L-mannofurano]m5C-G-A-A-T-G-T-m5C-m5C-(3'->4')-[2',5'-anhydro-6'-deoxy-4'- $C-(hydroxymethyl)-\alpha-L-mannofurano]G-(3'\rightarrow4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-\alpha-L-mannofurano]G-(3'\rightarrow4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-\alpha-L-mannofurano]G-(3'\rightarrow4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-\alpha-1.5'-\text{anhydro-6'-deoxy-1.5'-\text{anhydro-6'-deoxy-1.5'-\text{anhydro-6'-deoxy-1.5'-\text{anhydro-6'-deoxy-1.5'-\text{anh$ L-mannofurano]A-[2'-O-(2-methoxyethyl)]m5rC-[2'-O-(2-methoxyethyl)]rA), sodium salt (1:15)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{180}H_{224}N_{59}Na_{16}O_{90}P_{15}S_{15}$

5967.45 **Molecular Weight:**

-20°C, sealed storage, away from moisture Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

Baliforsen (sodium)

ANALYTICAL DATA

Off-white to light yellow (Solid) Appearance:

LCMS: Consistent with structure

Purity (HPLC): 94.33%

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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Page 1 of 1