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### Certificate of Analysis

### Baliforsen

Cat. No.:	HY-145725A
CAS No.:	1698048-23-5
Batch No.:	274010
Chemical Name:	DNA, d(P-thio)([2′-O-(2-methoxyethyl)]m5rU-[2′-O-(2-methoxyethyl)]m5rC-(3′→4′)-[2′,5′-anhydro
	-6'-deoxy-4'-C-(hydroxymethyl)-α-L-mannofurano]m5C-(3'→4')-[2',5'-anhydro-6'-deoxy-4'-C-(hy
	droxymethyl)-α-L-mannofurano]m5C-G-A-A-T-G-T-m5C-m5C-(3'→4')-[2',5'-anhydro-6'-deoxy-4'-
	C-(hydroxymethyl)-α-L-mannofurano]G-(3'→4')-[2',5'-anhydro-6'-deoxy-4'-C-(hydroxymethyl)-α-
	L-mannofurano]A-[2'-O-(2-methoxyethyl)]m5rC-[2'-O-(2-methoxyethyl)]rA)

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{180}H_{240}N_{59}O_{90}P_{15}S_{15}$
Molecular Weight:	5616.00
Storage:	-20°C, sealed storage, away from moisture
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## Baliforsen

#### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	95.23%
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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