

## IONIS-FB-LRx sodium

**Cat. No.:** HY-148370A  
**Molecular Weight:** 9516.1  
**Target:** Complement System  
**Pathway:** Immunology/Inflammation  
**Storage:** -20°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### IONIS-FB-LRx (sodium)

#### SOLVENT & SOLUBILITY

##### In Vitro

H<sub>2</sub>O : 100 mg/mL (10.51 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		0.1051 mL	0.5254 mL	1.0509 mL
	5 mM		0.0210 mL	0.1051 mL	0.2102 mL
	10 mM		0.0105 mL	0.0525 mL	0.1051 mL

Please refer to the solubility information to select the appropriate solvent.

#### BIOLOGICAL ACTIVITY

##### Description

IONIS-FB-LRx sodium is a specific antisense oligonucleotide (ASO) targeting complement factor B (CFB). IONIS-FB-LRx sodium effectively reduces circulating levels of CFB, and can be used for geographic atrophy (GA) research<sup>[1][2]</sup>.

#### REFERENCES

- [1]. Dreismann AK, et al. Gene targeting as a therapeutic avenue in diseases mediated by the complement alternative pathway. *Immunol Rev.* 2022 Nov 12.  
 [2]. Mahmoudzadeh R, et al. Emerging treatments for geographic atrophy in age-related macular degeneration. *Curr Opin Ophthalmol.* 2021 May 1;32(3):294-300.

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

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