

(R/S)-Alicaforsen

Cat. No.:	HY-145728B
Molecular Weight:	6368
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

(R/S)-Alicaforsen

SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (15.70 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.1570 mL	0.7852 mL	1.5704 mL
	5 mM		0.0314 mL	0.1570 mL	0.3141 mL
	10 mM		0.0157 mL	0.0785 mL	0.1570 mL

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

BIOLOGICAL ACTIVITY

Description

(R/S)-Alicaforsen is the racemate of Alicaforsen composed of R and S configurations. Alicaforsen is a 20-base antisense oligonucleotide inhibiting ICAM-1 production, which is an important adhesion molecule involved in leukocyte migration and trafficking to the site of inflammation.

REFERENCES

- [1]. Henry SP, et al. Evaluation of the toxicity of ISIS 2302, a phosphorothioate oligonucleotide, in a 4-week study in CD-1 mice. Antisense Nucleic Acid Drug Dev. 1997;7(5):473-481.
- [2]. Henry SP, et al. Evaluation of the toxicity of ISIS 2302, a phosphorothioate oligonucleotide, in a 4-week study in CD-1 mice. Antisense Nucleic Acid Drug Dev. 1997;7(5):473-481.

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

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