

Product Data Sheet



Proteins

Inhibitors

Screening Libraries

Remlarsen

Cat. No.: HY-132602 CAS No.: 1848266-71-6

RNA, (Am-Am-Cm-A-Cm-Um-G-Um-Um-A-Cm-A-A-A-Um-G-G-Um-Cm-Cm-Um-A), Sequence:

 $3'-[3-[[6-[(3\beta)-cholest-5-en-3-yloxy]hexyl]oxy]-2-hydroxypropyl hydrogen phosphate],$

complex with RNA ((2'-deoxy-2'-fluoro)U-A-G-(2'-deoxy-2'-fluoro)C-A-(2'-deoxyro)C-(2'-deoxy-2'-fluoro)C-A-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fl

luoro)U-G-A-A-A-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)C-A-G-(2'-deoxy-2'-fluoro)U

-G-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-sp-U-sp-U) (1:1)

Target: MicroRNA Pathway: **Epigenetics**

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

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

SOLVENT & SOLUBILITY

In Vitro H₂O: 100 mg/mL (Need ultrasonic)

BIOLOGICAL ACTIVITY

| Description | Remlarsen (MRG-201), a miR-29b mimic, acts a miR-29b agonist. Remlarsen has the potential for preventiong formation of a |
|-------------|--|
| | [1] |

fibrotic scar or cutaneous fibrosis[1].

In Vitro Remlarsen (MRG-201) is active in regulating PD biomarker expression in the $skin^{[1]}$.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Corrie L Gallant-Behm, et al. A MicroRNA-29 Mimic (Remlarsen) Represses Extracellular Matrix Expression and Fibroplasia in the Skin. J Invest Dermatol. 2019 May;139(5):1073-1081.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

Page 1 of 1