

// ANTISENSE CIRCULAR RNA AS THERAPEUTIC COMPOUND FOR TREATMENT OF COVID-19

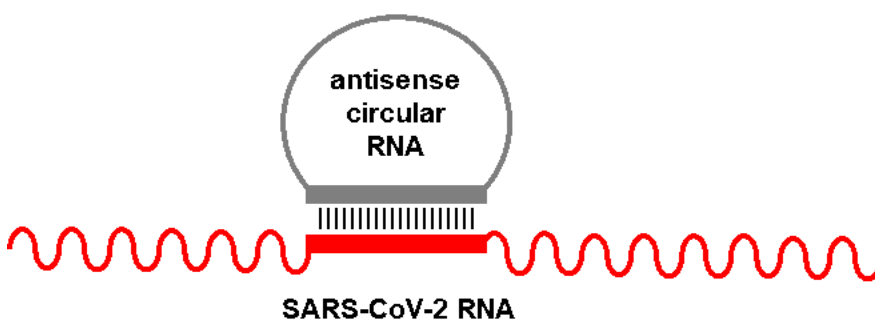
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HINTERGRUND

The new SARS-CoV-2 has made the disease Covid-19 a pandemic with effects on all aspects of human life by spreading rapidly across the whole world. Despite the immense progress in the treatment of Covid-19 patients in recent months, there is an urgent need for effective and well-tolerated therapeutic options, alternatively to the current mRNA-based and other vaccination strategies.

LÖSUNG

The new circular RNA enables specific binding and inhibition of SARS coronavirus 2 and thus opens up new therapeutic approaches for the treatment of Covid-19. This mechanism of action can effectively prevent and treat infections with SARS-CoV-2.



Antisense Circular RNA as Therapeutic Compound for Treatment of Covid-19

VORTEILE

- The new circular RNA is much more stable than the corresponding linear RNA.
- Circular RNA is designed to bind specifically to sequence-conserved



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ENTWICKLUNGSSTAND

Prototyp

PATENTSITUATION

EP anhängig

CATEGORIES

//Medizin und Pharma //Therapie
und Wirkstoffe

regions of SARS-CoV-2 genome and subgenomic RNAs.

- Circular RNA can easily be synthesized in preparative amounts and introduced into cells.

ANWENDUNGSBEREICHE

- Therapy of Covid-19
- Early prevention of infections by SARS-CoV-2
- Post-exposure prophylaxis (PEP) after contact with Covid-19 patients

SERVICE

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