

CONTRAmiR[®] miRNA Inhibitors

- Pre-designed or custom miRNA Inhibitors
- Custom modifications on request
- For cell culture and in VIVO experiments

Riboxx manufactures miRNA inhibitors for cell culture and in VIVO applications, the CONTRAmiR[®] miRNA inhibitors. CONTRAmiR[®] miRNA inhibitors display the complementary sequence to the mature miRNA. CONTRAmiR[®] miRNA inhibitors *in VIVO* display 3 to 6 phosphothioate groups in the backbone to enhance resistance to RNAses in body fluids.

CONTRAmiR[®] miRNA Inhibitors

- Ready-to-use inhibitors of microRNAs
- Pre-designed or custom
- Custom modifications on request

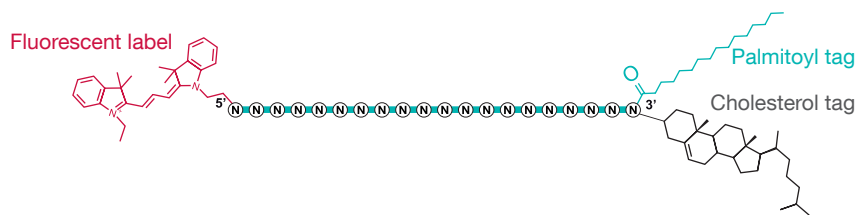


Figure 1. Structure of the CONTRAmiR[®] miRNA inhibitor with 2'-O-Methyl chemical modifications.

Riboxx CONTRAmiR[®] miRNA inhibitors are single-stranded RNAs from the class of antagonists of endogenous microRNAs (15 – 25 nt). The CONTRAmiR[®] inhibits miRNA function with a subsequent change in phenotype of the cell and/or tissue.

CONTRAmiR[®] miRNA Inhibitors for in VIVO Experiments

- Antagonist of miRNA
- Increased stability through backbone modifications
- Delivery solutions through end modifications

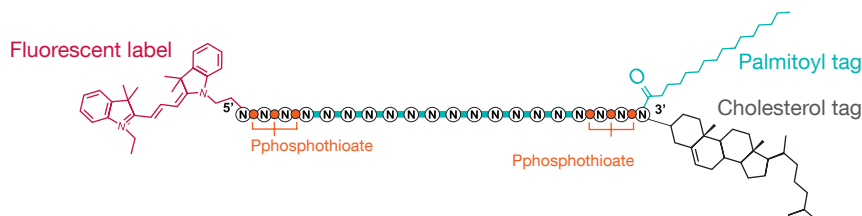


Figure 2. Structure of the CONTRAmiR[®] miRNA inhibitor in VIVO with the group of 6 phosphothioate and 2'-O-Methyl chemical modifications.

Riboxx CONTRAmiR[®] miRNA inhibitors for in VIVO Experiments are single-stranded RNAs from the class of antagonists of endogenous microRNAs (15 – 25 nt). The CONTRAmiR[®] inhibits miRNA function with a subsequent change in phenotype of the cell and/or tissue *in VIVO*.

CONTRAmiR® miRNA Inhibitors

Ordering Information

Product Name	Cat. No.	Quantity	Purification / QC
CONTRAmiR® Inhibitors			
CONTRAmiR Inhibitor (5 nmol)	M-00102-0005	5 nmol	RP HPLC
CONTRAmiR Inhibitor (10 nmol)	M-00102-0010	10 nmol	RP HPLC
CONTRAmiR® Inhibitors in VIVO			
CONTRAmiR in VIVO (5 nmol)	M-00103-0005	5 nmol	RP-HPLC, In Vivo Desalting, Endotoxin Test
CONTRAmiR in VIVO (10 nmol)	M-00103-0010	10 nmol	RP-HPLC, In Vivo Desalting, Endotoxin Test
CONTRAmiR in VIVO (20 nmol)	M-00103-0020	20 nmol	RP-HPLC, In Vivo Desalting, Endotoxin Test
CONTRAmiR in VIVO (50 nmol)	M-00103-0050	50 nmol	RP-HPLC, In Vivo Desalting, Endotoxin Test
CONTRAmiR Inhibitor X-Mod	M-00104-0005-X	> 5 nmol	RP-HPLC
CONTRAmiR® Inhibitor X-Mod modifications			
3'-Amino, 3'-Biotin, 3'-Chol, 3'-Peptide, 5'-Amino, 5'-6-FAM, 5'-Peptide, internal: 2'-OMe, 2'-Fluoro, phosphothioate			
CONTRAmiR® Negative Controls			
CONTRAmiR Negative Control-N1 (5 nmol)	K-01030-0005	5 nmol	RP HPLC
CONTRAmiR Negative Control-N2 (5 nmol)	K-01040-0005	5 nmol	RP HPLC
CONTRAmiR Negative Control-N3 (5 nmol)	K-01050-0005	5 nmol	RP HPLC
CONTRAmiR Negative Control-N1 (10 nmol)	K-01030-0010	10 nmol	RP HPLC
CONTRAmiR Negative Control-N2 (10 nmol)	K-01040-0010	10 nmol	RP HPLC
CONTRAmiR Negative Control-N3 (10 nmol)	K-01050-0010	10 nmol	RP HPLC

Order

Products & services can be ordered at:
Riboxx GmbH, Pharmapark Radebeul
Meissner Strasse 191
D-01445 Radebeul, GERMANY
E-Mail: order@riboxx.com
Phone: 0049 (0)351 83 36 01-0

Support & Technical Assistance

For technical assistance please visit www.riboxx.com
or contact us directly:
E-Mail: support@riboxx.com
Phone: 0049 (0)351 83 36 01-0
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