

## RNA Aptamer Mango $\square$ sodium

Cat. No.:	HY-153848
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## RNA Aptamer Mango IV

### BIOLOGICAL ACTIVITY

#### Description

RNA Aptamer Mango  $\square$  (sodium) has an exceptionally high affinity to TO1-biotin (a thiazole orange derivative fluorophore), and can be used to visualize RNA expression or localization in live cells. Compared to the original Mango I aptamer, RNA Aptamer Mango  $\square$  has markedly improved fluorescent properties, binding affinities, and salt dependencies.

### REFERENCES

[1]. Autour A, C Y Jeng S, D Cawte A, et al. Fluorogenic RNA Mango aptamers for imaging small non-coding RNAs in mammalian cells. Nat Commun. 2018;9(1):656. Published 2018 Feb 13. doi:10.1038/s41467-018-02993-8

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

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