

## T18.3 aptamer sodium

Cat. No.:	HY-160067
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### T18.3 aptamer (sodium)

#### BIOLOGICAL ACTIVITY

Description	T18.3 aptamer sodium is an anticoagulant RNA aptamer targeting FV/Va and eliminates the interaction of FV/FVa with phospholipid membranes. T18.3 aptamer sodium exhibits clinically relevant anticoagulant activity in plasma and whole blood and acts synergistically with low molecular weight heparin. The anticoagulant activity of T18.3 aptamer sodium is effectively and rapidly reversed by protamine sulfate <sup>[1]</sup> .
IC <sub>50</sub> & Target	FV/FVa <sup>[1]</sup>

#### REFERENCES

[1]. Soule EE, Yu H, Olson L, Naqvi I, Kumar S, Krishnaswamy S, Sullenger BA. Generation of an anticoagulant aptamer that targets factor V/Va and disrupts the FVa-membrane interaction in normal and COVID-19 patient samples. Cell Chem Biol. 2022 Feb 17;29(2):215-225.e5.

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

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