

sgc8c aptamer sodium

Cat. No.:	HY-160065
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

sgc8c aptamer (sodium)

BIOLOGICAL ACTIVITY

Description	sgc8c aptamer sodium is an aptamer that specifically targets the human protein tyrosine kinase PTK-7, which is mainly expressed on cervical cancer HeLa cells. Binding of sgc8c aptamer sodium to PTK-7 induces the assembly of nanotags on the cell surface, resulting in strong fluorescence and SERS signals. Specific to cervical cancer cells ^[1] .
IC ₅₀ & Target	PTK-7 ^[1]

REFERENCES

[1]. Bamrungsap S, Treetong A, Apiwat C, et al. SERS-fluorescence dual mode nanotags for cervical cancer detection using aptamers conjugated to gold-silver nanorods[J]. Microchimica Acta, 2016, 183: 249-256.

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

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