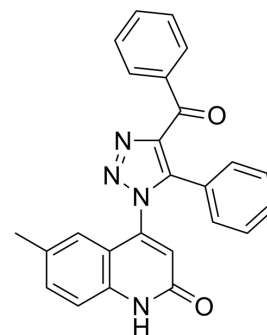


## EGFR/BRAFV600E-IN-2

Cat. No.:	HY-149517
Molecular Formula:	C <sub>25</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	406.44
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

E07 aptamer is an aptamer that targets human epidermal growth factor receptor (hEGFR). E07 aptamer can compete with EGF for binding, binds to a novel epitope on EGFR. E07 aptamer binds to cells expressing EGFR, blocks receptor autophosphorylation, and prevents proliferation of tumor cells in three-dimensional matrices. E07 aptamer can be used for tumor disease research<sup>[1]</sup>.

### REFERENCES

[1]. Li N, et al. Inhibition of cell proliferation by an anti-EGFR aptamer. PLoS One. 2011;6(6):e20299. doi: 10.1371/journal.pone.0020299. Epub 2011 Jun 8.

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

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