

## EGFR/BRAFV600E-IN-2

## Chemical Properties

CAS No. :

Formula: C25H18N4O2

Molecular Weight: 406.44

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	E07 Aptamer, targeting the human epidermal growth factor receptor (hEGFR), competes with epidermal growth factor (EGF) for binding to a unique epitope on EGFR. This aptamer not only binds to EGFR-expressing cells but also inhibits receptor autophosphorylation and thwarts tumor cell proliferation in three-dimensional matrices, positioning it as a useful tool for tumor disease research [1].
Targets(IC50)	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4604 mL	12.3019 mL	24.6039 mL
5 mM	0.4921 mL	2.4604 mL	4.9208 mL
10 mM	0.246 mL	1.2302 mL	2.4604 mL
50 mM	0.0492 mL	0.246 mL	0.4921 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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