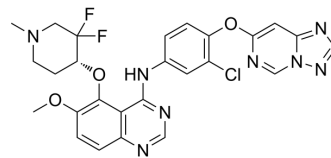


## HER2-IN-13

Cat. No.:	HY-153557
CAS No.:	2414056-34-9
Molecular Formula:	C <sub>26</sub> H <sub>23</sub> ClF <sub>2</sub> N <sub>8</sub> O <sub>3</sub>
Molecular Weight:	568.96
Target:	EGFR; Potassium Channel
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	HER2-IN-13 (Compound 33) is an HER2 inhibitor with an IC <sub>50</sub> of 8 nM. HER2-IN-13 also inhibits wt-EGFR with an IC <sub>50</sub> of 0.40 μM <sup>[1]</sup> .		
IC <sub>50</sub> & Target	HER2 8 nM (IC <sub>50</sub> )	EGFR (WT) 0.40 μM (IC <sub>50</sub> )	hERG 13.3 μM (IC <sub>50</sub> )
In Vitro	HER2-IN-13 (Compound 33) inhibits hERG channel with an IC <sub>50</sub> of 13.3 μM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

### REFERENCES

[1]. Ding Zhou, et al. Quinazoline derivatives as antitumor agents. Patent WO2020057511A1.

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

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