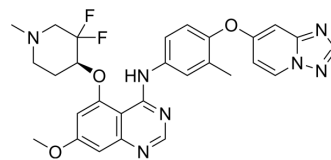


## DZD1516

Cat. No.:	HY-155079		
CAS No.:	2387570-00-3		
Molecular Formula:	C <sub>28</sub> H <sub>27</sub> F <sub>2</sub> N <sub>7</sub> O <sub>3</sub>		
Molecular Weight:	547.56		
Target:	EGFR		
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	DZD1516 is a potent and selective HER2 inhibitor (IC <sub>50</sub> =0.56 nM) with good blood-brain permeability. DZD1516 exhibits antitumor activity in CNS and subcutaneous xenograft mouse models <sup>[1]</sup> .
IC <sub>50</sub> & Target	HER2

### REFERENCES

[1]. Zhang J, et al. Preclinical and clinical activity of DZD1516, a full blood-brain barrier-penetrant, highly selective HER2 inhibitor. Breast Cancer Res. 2023 Jul 6;25(1):81.

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

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