



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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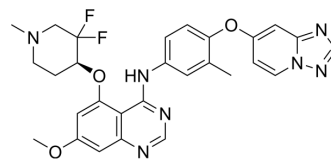
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DZD1516

Cat. No.:	HY-155079		
CAS No.:	2387570-00-3		
Molecular Formula:	C ₂₈ H ₂₇ F ₂ N ₇ O ₃		
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



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (182.63 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		1.8263 mL	9.1314 mL	18.2628 mL
		5 mM		0.3653 mL	1.8263 mL	3.6526 mL
10 mM			0.1826 mL	0.9131 mL	1.8263 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (4.57 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (4.57 mM); Clear solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (4.57 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

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

REFERENCES

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

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