



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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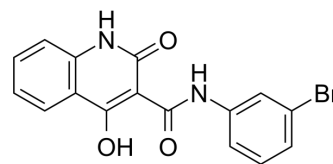
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EGFR T790M/L858R-IN-8

Cat. No.:	HY-164056		
CAS No.:	333419-97-9		
Molecular Formula:	C ₁₆ H ₁₁ BrN ₂ O ₃		
Molecular Weight:	359.17		
Target:	EGFR		
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2 mg/mL (5.57 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.7842 mL	13.9210 mL	27.8420 mL
5 mM	0.5568 mL	2.7842 mL	5.5684 mL
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

EGFR T790M/L858R-IN-8 (compound 9) is a potent inhibitor of EGFR, targeting mutant EGFR^{T790M/L858R} with IC₅₀ of 56.8 μM. The anti-proliferative effect of EGFR T790M/L858R-IN-8 on cancer cell lines A549, A431, and NHI-H1975 is not significant^[1].

IC₅₀ & Target

IC₅₀: 56.8 μM (EGFR^{T790M/L858R})^[1]

REFERENCES

[1]. Bai F, et al. Discovery of novel selective inhibitors for EGFR-T790M/L858R. Bioorg Med Chem Lett. 2012 Feb 1;22(3):1365-70.

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

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