



SZABO SCANDIC

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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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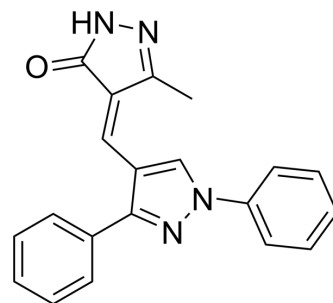
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ROS kinases-IN-1

Cat. No.:	HY-148228		
CAS No.:	370096-57-4		
Molecular Formula:	C ₂₀ H ₁₆ N ₄ O		
Molecular Weight:	328.37		
Target:	ROS Kinase		
Pathway:	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 : 20.83 mg/mL (63.43 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0453 mL	15.2267 mL	30.4535 mL
	5 mM	0.6091 mL	3.0453 mL	6.0907 mL
	10 mM	0.3045 mL	1.5227 mL	3.0453 mL

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

BIOLOGICAL ACTIVITY

Description

ROS kinases-IN-1 (pag 98) is a ROS tyrosine kinase inhibitor with IC₅₀ value of 1.22 μM. ROS kinases-IN-1 shows anti-tumor activity^[1].

IC₅₀ & Target

IC₅₀: 1.22 μM (ROS kinase)^[1]

In Vitro

ROS kinases-IN-1 (1-100 μM; 1 d) inhibits the growth of cervical cancer cell and glioblastoma cells^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.
Cell Viability Assay^[1]

Cell Line:	HeLa, U138, U87, LN18, and U118 cells
Concentration:	1, 10, and 100 μM
Incubation Time:	one day

Result:	Showed EC ₅₀ s for HeLa, U138, U87, LN18, and U118 cells of 20, 8, 8, 12, and 7 μM, respectively.
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REFERENCES

[1]. Dorre A. GRUENEBERG, et al. Novel methods, compounds, and compositions for inhibition of ros. WO2014141129A2.

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

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