



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

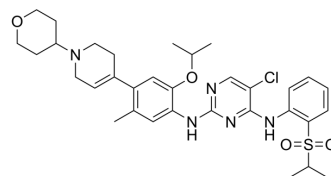
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

APG-2449

Cat. No.:	HY-155163		
CAS No.:	2196186-84-0		
Molecular Formula:	C ₃₃ H ₄₂ ClN ₅ O ₄ S		
Molecular Weight:	640.24		
Target:	Anaplastic lymphoma kinase (ALK); ROS Kinase; FAK		
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 : 25 mg/mL (39.05 mM; Need ultrasonic)									
	<table border="1"> <tr> <td rowspan="2" style="text-align: center;">Solvent Concentration</td> <td style="text-align: center;">Mass</td> <td rowspan="2" style="text-align: center;">1 mg</td> <td rowspan="2" style="text-align: center;">5 mg</td> <td rowspan="2" style="text-align: center;">10 mg</td> </tr> <tr> <td></td> </tr> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg				
Solvent Concentration	Mass		1 mg				5 mg	10 mg		
Preparing Stock Solutions	1 mM	1.5619 mL	7.8096 mL	15.6191 mL						
	5 mM	0.3124 mL	1.5619 mL	3.1238 mL						
	10 mM	0.1562 mL	0.7810 mL	1.5619 mL						
	Please refer to the solubility information to select the appropriate solvent.									
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.90 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.90 mM); Clear solution 									

BIOLOGICAL ACTIVITY

Description	APG-2449 is an orally active ALK/ROS1/FAK inhibitor. APG-2449 shows antitumor activity in mouse models of non-small cell lung cancer (NSCLC) ^[1] .
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REFERENCES

[1]. Fang DD, et al. Discovery of a novel ALK/ROS1/FAK inhibitor, APG-2449, in preclinical non-small cell lung cancer and ovarian cancer models. BMC Cancer. 2022 Jul 11;22(1):752.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA