



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

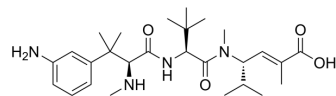
mail@szabo-scandic.com

www.szabo-scandic.com

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

SC209

Cat. No.:	HY-144880												
CAS No.:	1977557-86-0												
Molecular Formula:	C ₂₇ H ₄₄ N ₄ O ₄												
Molecular Weight:	488.66												
Target:	ADC Cytotoxin; Drug Metabolite; EGFR												
Pathway:	Antibody-drug Conjugate/ADC Related; Metabolic Enzyme/Protease; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK												
Storage:	<table border="0"> <tr> <td>Powder</td> <td>-20°C</td> <td>3 years</td> </tr> <tr> <td></td> <td>4°C</td> <td>2 years</td> </tr> <tr> <td>In solvent</td> <td>-80°C</td> <td>6 months</td> </tr> <tr> <td></td> <td>-20°C</td> <td>1 month</td> </tr> </table>	Powder	-20°C	3 years		4°C	2 years	In solvent	-80°C	6 months		-20°C	1 month
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	4°C	2 years											
In solvent	-80°C	6 months											
	-20°C	1 month											



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (204.64 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration	Mass	Mass	Mass
1 mM		2.0464 mL	10.2321 mL	20.4641 mL
5 mM		0.4093 mL	2.0464 mL	4.0928 mL
10 mM		0.2046 mL	1.0232 mL	2.0464 mL

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

BIOLOGICAL ACTIVITY

Description

SC209, an ADC cytotoxin extracted from patent WO2021247798, is used in synthesis of anti-EGFR antibody-drug conjugate ADC. SC209 is a metabolite of STRO-002^{[1][2]}.

REFERENCES

- [1]. De Almeida V, et al. Preclinical activity and safety of STRO-002, a novel ADC targeting folate receptor alpha for ovarian cancer. *Gynecologic Oncology*, 2018, 149: 50.
- [2]. Alice Yam, et al. Bispecific antibody-drug conjugates targeting egfr and muc1 and uses thereof. Patent. WO2021247798.

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