



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

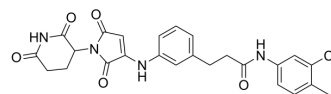
mail@szabo-scandic.com

www.szabo-scandic.com

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

ALV1

Cat. No.:	HY-145776
CAS No.:	2438124-79-7
Molecular Formula:	C ₂₅ H ₂₃ ClN ₄ O ₅
Molecular Weight:	494.93
Target:	Ligands for E3 Ligase; Molecular Glues
Pathway:	PROTAC
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 : 50 mg/mL (101.02 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	2.0205 mL	10.1024 mL	20.2049 mL	
		5 mM	0.4041 mL	2.0205 mL	4.0410 mL	
		10 mM	0.2020 mL	1.0102 mL	2.0205 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 (5.05 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	ALV1 potently induces degradation of both Ikaros and Helios without unexpected off-target activity. ALV1 binds CRBN with IC ₅₀ of 0.55 μM. ALV1 degrades cells stably expressing IKZF1Δ and IKZF2Δ GFP fusions with mCherry reporter with DC ₅₀ s of 2.5 and 10.3 nM ^[1] .
IC ₅₀ & Target	CK1α

REFERENCES

[1]. Eric S Wang, et al. Acute pharmacological degradation of Helios destabilizes regulatory T cells. Nat Chem Biol. 2021 Jun;17(6):711-717.

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