



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

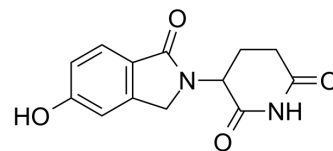
mail@szabo-scandic.com

www.szabo-scandic.com

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

Lenalidomide-OH

Cat. No.:	HY-133144
CAS No.:	1416990-08-3
Molecular Formula:	C ₁₃ H ₁₂ N ₂ O ₄
Molecular Weight:	260.25
Target:	Ligands for E3 Ligase
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 : 13.89 mg/mL (53.37 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.8425 mL	19.2123 mL	38.4246 mL
		5 mM		0.7685 mL	3.8425 mL	7.6849 mL
		10 mM		0.3842 mL	1.9212 mL	3.8425 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: ≥ 2.08 mg/mL (7.99 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (7.99 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (7.99 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Lenalidomide-OH is an analog of cereblon (CRBN) ligand Lenalidomide for E3 ubiquitin ligase, and is used in the recruitment of CRBN protein. Lenalidomide-OH can be connected to the ligand for protein by a linker to form PROTACs, such as the PROTAC BTK degrader SJF620 (HY-133137) ^[1] .
IC ₅₀ & Target	Cereblon
In Vitro	Lenalidomide-OH can be connected to the ligand for protein by a linker to form PROTACs. PROTACs are inducers of

ubiquitination-mediated degradation of cancer-promoting proteins^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jaime-Figueroa S, et al. Design, synthesis and biological evaluation of Proteolysis Targeting Chimeras (PROTACs) as a BTK degraders with improved pharmacokinetic properties. 2020 Feb 1;30(3):126877.

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