



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

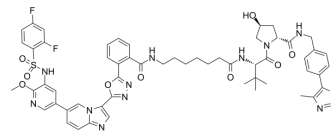
mail@szabo-scandic.com

www.szabo-scandic.com

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

HL-8

Cat. No.:	HY-143275		
CAS No.:	2766352-64-9		
Molecular Formula:	C ₅₇ H ₅₉ F ₂ N ₁₁ O ₉ S ₂		
Molecular Weight:	1144.27		
Target:	PI3K		
Pathway:	PI3K/Akt/mTOR		
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 : 100 mg/mL (87.39 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	0.8739 mL	4.3696 mL	8.7392 mL
	5 mM	0.1748 mL	0.8739 mL	1.7478 mL
	10 mM	0.0874 mL	0.4370 mL	0.8739 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 (2.18 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	HL-8 is a PROTAC molecule targeting PI3K kinase. HL-8 has a significant and complete degradation effect on PI3K kinase at a concentration of 10 μM within 8 h. HL-8 has the potential for the research of cancer diseases ^[1] .
--------------------	--

REFERENCES

[1]. Wang H, et al. Design, synthesis and activity study of a novel PI3K degradation by hijacking VHL E3 ubiquitin ligase. *Bioorg Med Chem.* 2022 May 1;61:116707.

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