



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

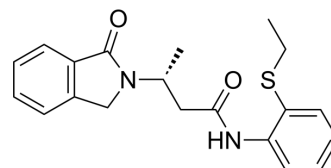
mail@szabo-scandic.com

www.szabo-scandic.com

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

VCP Activator 1

Cat. No.: HY-157508
Molecular Formula: C₂₀H₂₂N₂O₂S
Molecular Weight: 354.47
Target: p97
Pathway: Cell Cycle/DNA Damage
Storage: 4°C, sealed storage, away from moisture and light
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 300 mg/mL (846.33 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.8211 mL	14.1056 mL	28.2111 mL
	5 mM		0.5642 mL	2.8211 mL	5.6422 mL
	10 mM		0.2821 mL	1.4106 mL	2.8211 mL

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

BIOLOGICAL ACTIVITY

Description

VCP Activator 1 is a VCP activator that dose-dependently stimulates VCP ATPase activity. VCP Activator 1 binds an allosteric pocket near the C-terminus. In addition, VCP Activator 1 binding site can also be occupied by a phenylalanine residue in the VCP C-terminal tail^[1].

REFERENCES

[1]. Jones NH, et al. Allosteric activation of VCP, a AAA unfoldase, by small molecule mimicry. bioRxiv [Preprint]. 2023 Oct 2:2023.10.02.560478.

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