



# 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

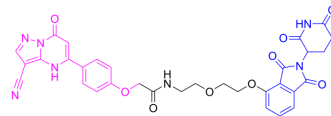
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## GT-653

Cat. No.:	HY-158432
Molecular Formula:	C <sub>32</sub> H <sub>27</sub> N <sub>7</sub> O <sub>9</sub>
Molecular Weight:	653.6
Target:	Histone Demethylase; PROTACs
Pathway:	Epigenetics; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

GT-653 is a PROTAC degrader for lysine-specific demethylase 5B (KDM5B). GT-653 degrades 68.35% KDM5B at 10 μM in a ubiquitin proteasome-dependent manner, upregulates H3K4me3 levels, and activates the type-I interferon signaling pathway in prostate cancer cells 22RV1. (Pink: KDM5B ligand (HY-158433); Black: Linker (HY-W004896); Blue: E3 ligase ligand (HY-103596))<sup>[1]</sup>

## REFERENCES

[1]. Guan T, et al., Discovery of an efficacious KDM5B PROTAC degrader GT-653 up-regulating IFN response genes in prostate cancer. *Eur J Med Chem.* 2024 May 10;272:116494.

**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