



# 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

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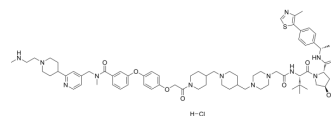
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## CARM1 degrader-1 hydrochloride

<b>Cat. No.:</b>	HY-156152A
<b>Molecular Formula:</b>	C <sub>71</sub> H <sub>99</sub> ClN <sub>12</sub> O <sub>8</sub> S
<b>Molecular Weight:</b>	1316.14
<b>Target:</b>	Histone Methyltransferase; PROTACs
<b>Pathway:</b>	Epigenetics; PROTAC
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 6.67 mg/mL (5.07 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.7598 mL	3.7990 mL	7.5980 mL
	5 mM	0.1520 mL	0.7598 mL	1.5196 mL
	10 mM	---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

CARM1 degrader-1 hydrochloride is the hydrochloride salt form of CARM1 degrader-1 (HY-156152). CARM1 degrader-1 hydrochloride is a PROTAC degrader for co-activator associated argininemethyltransferase 1 (CARM1), which degrades CARM1 in a VHL- and proteasome-dependent manner with a DC<sub>50</sub> of 8.1 nM. CARM1 degrader-1 hydrochloride inhibits methylation of CARM1 substrates such as poly(A)-binding protein PABP1 and BGR1-associated factor BAF155, and thus inhibits breast cancer cell migration<sup>[1]</sup>.

### REFERENCES

[1]. Xie H, et al., Development of Potent and Selective Coactivator-Associated Arginine Methyltransferase 1 (CARM1) Degraders. *J Med Chem.* 2023 Sep 28;66(18):13028-13042.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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