



# 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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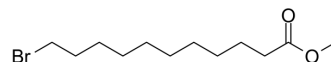
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## Br-C10-methyl ester

Cat. No.:	HY-130641		
CAS No.:	6287-90-7		
Molecular Formula:	C <sub>12</sub> H <sub>23</sub> BrO <sub>2</sub>		
Molecular Weight:	279.21		
Target:	PROTAC Linkers		
Pathway:	PROTAC		
Storage:	Pure form	-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 (358.15 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.5815 mL	17.9077 mL	35.8153 mL
	5 mM	0.7163 mL	3.5815 mL	7.1631 mL
	10 mM	0.3582 mL	1.7908 mL	3.5815 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Br-C10-methyl ester is a PROTAC linker, which refers to the alkyl/ether composition. Br-C10-methyl ester is used in the synthesis of a series of PROTACs (MS432). PROTACs contain two different ligands connected by a linker; one is the VHL ligand portion and the other is for the target protein<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Alkyl/ether

### REFERENCES

[1]. Wei J, et al. Discovery of a First-in-Class Mitogen-Activated Protein Kinase Kinase 1/2 Degradable. J Med Chem. 2019 Dec 12;62(23):10897-10911.

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

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