



# 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

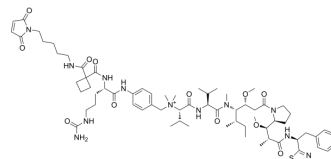
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## MC-Sq-Cit-PAB-Dolastatin10

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-128894   |
| CAS No.:           | 1941168-65-5  |
| Molecular Formula: | C <sub>70</sub> H <sub>105</sub> N <sub>12</sub> O <sub>12</sub> S                        |
| Molecular Weight:  | 1338.72   |
| Target:            | Drug-Linker Conjugates for ADC  |
| Pathway:           | Antibody-drug Conjugate/ADC Related   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                                     |  |
|-------------------------------------|--|
| <b>Description</b>                  | MC-Sq-Cit-PAB-Dolastatin10 is a agent-linker conjugate for ADC with potent antitumor activity by using Dolastatin10 (a tubulin polymerization inhibitor), linked via the ADC linker MC-Sq-Cit-PAB.   |
| <b>IC<sub>50</sub> &amp; Target</b> | Auristatin   |
| <b>In Vitro</b>                     | ADC1-2 (anti-CD22 10F4v3 LC K149C MC-Sq-Cit-PAB-Dolastatin 10) displays target-specific killing in WSU-DLCL2 human diffuse large B-cell lymphoma tumors with IC <sub>50</sub> of 0.385 nM, and ADC1-1 (anti-Napi2b 10H1 11.4B LC K149C MC-Sq-Cit-PAB-Dolastatin 10) displays target-specific killing in human ovarian cancer IGROV-1 and OVCAR-3x2.1 with IC <sub>50</sub> s of 3.19 nM, 1.52 nM, respectively <sup>[1]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

- [1]. FLYGARE, John A, et al. Quaternary amine compounds and antibody-drug conjugates thereof. WO2016090050A1.
- [2]. Staben LR, et al. Targeted drug delivery through the traceless release of tertiary and heteroaryl amines from antibody-drug conjugates. Nat Chem. 2016 Dec;8(12):1112-1119.

**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