



# 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

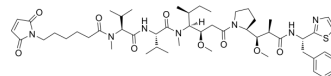
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Mc-MMAD

<b>Cat. No.:</b>	HY-15740
<b>CAS No.:</b>	1401963-15-2
<b>Molecular Formula:</b>	C <sub>51</sub> H <sub>77</sub> N <sub>7</sub> O <sub>9</sub> S
<b>Molecular Weight:</b>	964.26
<b>Target:</b>	Microtubule/Tubulin; Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Cell Cycle/DNA Damage; Cytoskeleton; Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	Powder    -20°C    3 years 4°C        2 years



\* The compound is unstable in solutions, freshly prepared is recommended.

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (103.71 mM)  
\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.0371 mL	5.1853 mL	10.3706 mL
	5 mM	0.2074 mL	1.0371 mL	2.0741 mL
	10 mM	0.1037 mL	0.5185 mL	1.0371 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (2.59 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (2.59 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Mc-MMAD is a protective group (maleimidocaproyl)-conjugated MMAD. MMAD is a potent tubulin inhibitor. Mc-MMAD is a agent-linker conjugate for ADC.

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

Auristatin

### REFERENCES

[1]. Antibody-drug conjugates Patent: WO 2013068874 A1

---

**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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA