



# 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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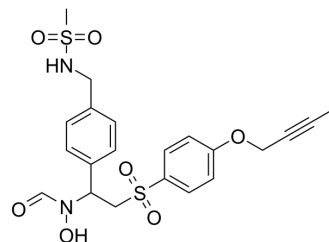
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## KP-457 (GMP)

Cat. No.:	HY-110397G
CAS No.:	1365803-52-6
Molecular Formula:	C <sub>21</sub> H <sub>24</sub> N <sub>2</sub> O <sub>7</sub> S <sub>2</sub>
Molecular Weight:	480.55
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

KP-457 (GMP) is KP-457 (HY-110397) produced by using GMP guidelines. GMP small molecules work appropriately as an auxiliary reagent for cell therapy manufacture. KP-457 is a selective a disintegrin and metalloproteinase 17 (ADAM17) inhibitor, with higher selectivity for ADAM17 than for other MMPs and ADAM10, and IC<sub>50</sub>s are 11.1 nM (ADAM17), 748 nM (ADAM10), 717 nM (MMP2), 9760 nM (MMP3), 2200 nM (MMP8), 5410 nM (MMP9), 930 nM (MMP13), 2140 nM (MMP14), and 7100 nM (MMP17), respectively<sup>[1]</sup>.

### REFERENCES

[1]. Hirata S, et al. Selective Inhibition of ADAM17 Efficiently Mediates Glycoprotein Iba Retention During Ex Vivo Generation of Human Induced Pluripotent Stem Cell-Derived Platelets. *Stem Cells Transl Med.* 2017 Mar;6(3):720-730.

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

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