



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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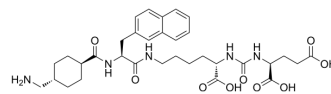
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## Vipivotide tetraxetan Ligand-Linker Conjugate

<b>Cat. No.:</b>	HY-43869
<b>CAS No.:</b>	1703768-74-4
<b>Molecular Formula:</b>	C <sub>33</sub> H <sub>45</sub> N <sub>5</sub> O <sub>9</sub>
<b>Molecular Weight:</b>	655.74
<b>Target:</b>	ADC Linker
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	Powder    -20°C    3 years In solvent   -80°C    6 months -20°C    1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 125 mg/mL (190.62 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	1.5250 mL	7.6250 mL	15.2499 mL
		5 mM	0.3050 mL	1.5250 mL	3.0500 mL
	10 mM	0.1525 mL	0.7625 mL	1.5250 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.08 mg/mL (3.17 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (3.17 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.08 mg/mL (3.17 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Vipivotide tetraxetan Ligand-Linker Conjugate (PSMA-617 Ligand-Linker Conjugate) is a complex composed of pharmacophore group Glutamate-urea-Lysine peptide coupling linker, which can be used to synthesize Vipivotide tetraxetan (PSMA-617). Glutamate-urea-Lysine selectively binds to prostate-specific membrane antigen (PSMA) <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Non-cleavable Linker
<b>In Vitro</b>	Vipivotide tetraxetan Ligand-Linker Conjugate MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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## REFERENCES

[1]. Benešová M, et al. Albumin-Binding PSMA Ligands: Optimization of the Tissue Distribution Profile. Mol Pharm. 2018 Mar 5;15(3):934-946.

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

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