



# 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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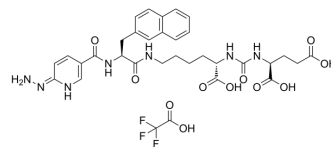
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## HYNIC-iPSMA TFA

<b>Cat. No.:</b>	HY-P5292A
<b>CAS No.:</b>	2375849-11-7
<b>Molecular Formula:</b>	C <sub>33</sub> H <sub>38</sub> F <sub>3</sub> N <sub>7</sub> O <sub>11</sub>
<b>Molecular Weight:</b>	765.69
<b>Sequence:</b>	Hydrazinonicotinyl-Lys(Nal)-Urea-Glu
<b>Sequence Shortening:</b>	Hydrazinonicotinyl-Lys(Nal)-Urea-Glu
<b>Target:</b>	PSMA
<b>Pathway:</b>	Immunology/Inflammation
<b>Storage:</b>	Sealed storage, away from moisture
	Powder    -80°C    2 years
	-20°C    1 year



\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (130.60 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		1.3060 mL	6.5301 mL	13.0601 mL
	5 mM		0.2612 mL	1.3060 mL	2.6120 mL
	10 mM		0.1306 mL	0.6530 mL	1.3060 mL

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

### BIOLOGICAL ACTIVITY

#### Description

HYNIC-iPSMA TFA is a ligand for molecular imaging of tumors. Hynic-ipsma consists of two components: HYNIC (6-hydrazinonicotinamide) and iPSMA (Inhibitor of Prostate-Specific Membrane Antigen). HYNIC is a compound used to attach radioactive isotopes to targeted molecules. iPSMA is a specific inhibitor used to inhibit prostate-specific membrane antigen (PSMA). 68GA-labeled iPSMA has been used to detect prostate cancer by PET imaging. The further 99mTc-EDDA/HYNIC-iPSMA TFA has excellent specificity and sensitivity<sup>[1]</sup>.

### REFERENCES

[1]. Ferro-Flores G, et al. Clinical translation of a PSMA inhibitor for 99mTc-based SPECT. Nucl Med Biol. 2017 May;48:36-44.

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

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