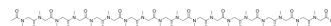


## PSAR18-COOH

<b>Cat. No.:</b>	HY-160429
<b>CAS No.:</b>	2313534-26-6
<b>Molecular Formula:</b>	C <sub>56</sub> H <sub>94</sub> N <sub>18</sub> O <sub>20</sub>
<b>Molecular Weight:</b>	1339.45
<b>Sequence:</b>	Gly(N-Me)-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar
<b>Sequence Shortening:</b>	Gly(N-Me)-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar-Sar
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Sealed storage, away from moisture and light, under nitrogen Powder    -80°C    2 years -20°C    1 year

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



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (74.66 mM)  
\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.7466 mL	3.7329 mL	7.4658 mL
	5 mM	0.1493 mL	0.7466 mL	1.4932 mL
	10 mM	0.0747 mL	0.3733 mL	0.7466 mL

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

### BIOLOGICAL ACTIVITY

#### Description

PSAR18-COOH is a derivative of PSAR extracted from patent WO2009064913A1. PSAR is a highly hydrophilic, biodegradable, non-immunogenic and water-soluble polymer that has been employed in several delivery systems for drugs or diagnostics.

### REFERENCES

[1]. Warren VIRICEL. Ligand-drug-conjugate comprising a single molecular weight polysarcosine. WO2019081455A1.

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

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