

## Gersizangitide

<b>Cat. No.:</b>	HY-P3369	
<b>CAS No.:</b>	2417491-82-6	
<b>Molecular Formula:</b>	C <sub>111</sub> H <sub>167</sub> N <sub>29</sub> O <sub>28</sub>	
<b>Molecular Weight:</b>	2355.69	LRRFSTAPFAFIDINDVIN-NH <sub>2</sub>
<b>Sequence Shortening:</b>	LRRFSTAPFAFIDINDVIN-NH <sub>2</sub>	
<b>Target:</b>	Others	
<b>Pathway:</b>	Others	
<b>Storage:</b>	Sealed storage, away from moisture and light	
	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)	

### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 33.33 mg/mL (14.15 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		0.4245 mL	2.1225 mL	4.2450 mL
	5 mM		0.0849 mL	0.4245 mL	0.8490 mL
	10 mM		0.0425 mL	0.2123 mL	0.4245 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Gersizangitide (AXT-107) is an angiogenesis inhibitor<sup>[1]</sup>.

### REFERENCES

[1]. WHO Drug Information, Vol. 35, No. 4, 2021. Geneva: World Health Organization; 2022.

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

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