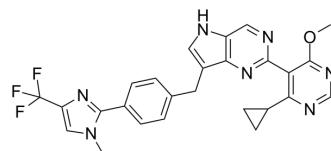


## TNG-0746132

Cat. No.:	HY-153366		
CAS No.:	2821749-57-7		
Molecular Formula:	C <sub>26</sub> H <sub>22</sub> F <sub>3</sub> N <sub>7</sub> O		
Molecular Weight:	505.49		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 33.33 mg/mL (65.94 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9783 mL	9.8914 mL	19.7828 mL
	5 mM	0.3957 mL	1.9783 mL	3.9566 mL
	10 mM	0.1978 mL	0.9891 mL	1.9783 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (4.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (4.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (4.95 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

TNG-0746132 can be used for synthesis of the compound with anticancer activity<sup>[1]</sup>.

### REFERENCES

[1]. Throner Scott, et al. Preparation of pyrrolo[3,2-d]pyrimidine compounds and methods of use in the treatment of cancer. World Intellectual Property Organization,

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

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