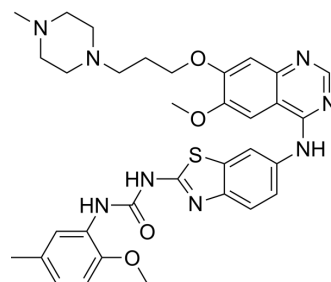


## 4SC-203

Cat. No.:	HY-19897		
CAS No.:	895533-09-2		
Molecular Formula:	C <sub>33</sub> H <sub>38</sub> N <sub>8</sub> O <sub>4</sub> S		
Molecular Weight:	642.77		
Target:	FLT3; VEGFR		
Pathway:	Protein Tyrosine Kinase/RTK		
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 : 125 mg/mL (194.47 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.5558 mL	7.7788 mL	15.5577 mL
5 mM	0.3112 mL	1.5558 mL	3.1115 mL
10 mM	0.1556 mL	0.7779 mL	1.5558 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: ≥ 2.08 mg/mL (3.24 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.08 mg/mL (3.24 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

4SC-203 is a potent multikinase inhibitor with potential antineoplastic activity. 4SC-203 selectively FLT3/STK1, FLT3 mutated forms, and VEGFRs<sup>[1]</sup>.

### REFERENCES

- [1]. A multikinase inhibitor with potential antineoplastic activity. Multikinase inhibitor

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

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