

TSPC

Cat. No.:	HY-125979		
CAS No.:	882286-32-0		
Molecular Formula:	C ₉ H ₅ N ₃ O ₂ S ₂		
Molecular Weight:	251.28		
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 : 125 mg/mL (497.45 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.9796 mL	19.8981 mL	39.7962 mL
5 mM	0.7959 mL	3.9796 mL	7.9592 mL
10 mM	0.3980 mL	1.9898 mL	3.9796 mL

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

BIOLOGICAL ACTIVITY

Description

TSPC is a phytohormone gibberellin (GA) perception inhibitor with an IC₅₀ value of 10 μM in vitro^[1].

REFERENCES

[1]. Jung-Min Yoon, et al. Chemical screening of an inhibitor for gibberellin receptors based on a yeast two-hybrid system. *Bioorg Med Chem Lett.* 2013 Feb 15;23(4):1096-8.

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

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