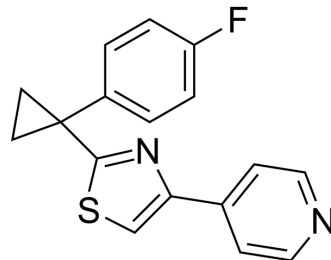


## FCPT

Cat. No.:	HY-121908
CAS No.:	862250-23-5
Molecular Formula:	C <sub>17</sub> H <sub>13</sub> FN <sub>2</sub> S
Molecular Weight:	296.36
Target:	ATP Synthase
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

FCPT, an ATP competitive inhibitor, induces a tight-binding of kinesin-5 onto microtubules and induced loss of microtubules selectively at the poles of *Xenopus* extract spindles without altering microtubule dynamics<sup>[1]</sup>.

## REFERENCES

[1]. Aaron C Groen, et al. A novel small-molecule inhibitor reveals a possible role of kinesin-5 in anastral spindle-pole assembly. *J Cell Sci.* 2008 Jul 15;121(Pt 14):2293-300.

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

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