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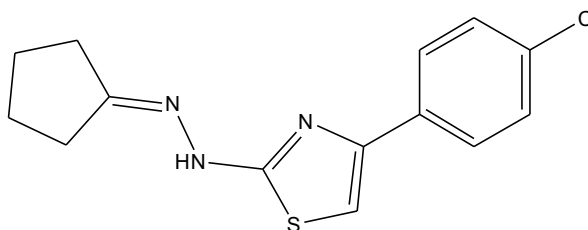
## CERTIFICATE OF ANALYSIS

Product name: **Histone Acetyltransferase Inhibitor IV, CPTH2**

Cat. number: **VD-OEIA-10022** CAS Number: **357649-93-5** Lot number: **VD779000** [www.vdmbio.com](http://www.vdmbio.com)

### Personal protective equipment

- Lab coat.
- Safety glasses.



### Product Specification

Formula:	C <sub>14</sub> H <sub>14</sub> ClN <sub>3</sub> S
MW:	291.8
Purity:	>=95%
Appearance:	Solid
Solubility:	DMSO
Storage:	+2°C to +8°C. <b>Protect from light.</b>
Synonyms:	HAT Inhibitor IV, Gcn5p Inhibitor, CPTH2

### Product Description:

CPTH2 is a histone acetyltransferase (HAT) inhibitor modulating the Gcn5 network where HATs act as transcriptional coactivators. Histone acetylation plays an important role in regulating the chromatin structure and is tightly regulated by two classes of enzyme, histone acetyltransferases (HAT) and histone deacetylases (HDAC). Deregulated HAT and HDAC activity plays a role in the development of a range of cancers. Consequently, inhibitors of these enzymes have potential as anticancer agents.

### Product References

- 1.Chimenti, F., et al. 2009. J. Med. Chem. 52, 530.

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