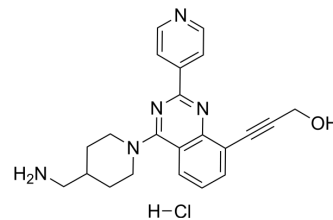


## VT02956 hydrochloride

Cat. No.:	HY-147165A
Molecular Formula:	C <sub>22</sub> H <sub>24</sub> ClN <sub>5</sub> O
Molecular Weight:	409.91
Target:	YAP
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	VT02956 is a LATS inhibitor (IC <sub>50</sub> : 0.76 nM for LATS1, 0.52 nM for LATS2). VT02956 targets the Hippo pathway. VT02956 inhibits ESR1 expression and growth of ER+ breast cancer cell lines and patient-derived tumor organoids <sup>[1]</sup> . VT02956 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
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<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 0.76?nM for LATS1, 0.52?nM for LATS2 <sup>[1]</sup>
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### REFERENCES

[1]. Ma S, et al. Transcriptional repression of estrogen receptor alpha by YAP reveals the Hippo pathway as therapeutic target for ER+ breast cancer. Nat Commun. 2022 Feb 25;13(1):1061.

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

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