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Zuschläge

- Mindermengenzuschlag
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- Expressversand

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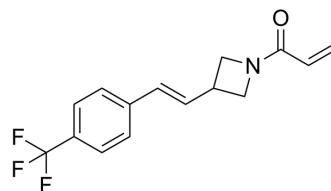
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TEAD-IN-10

Cat. No.:	HY-161568
CAS No.:	3032196-65-6
Molecular Formula:	C ₁₅ H ₁₄ F ₃ NO
Molecular Weight:	281.27
Target:	YAP
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TEAD-IN-10 (compound 15) has good selective activity and inhibitory effect on TEAD1 (IC ₅₀ =14 nM), TEAD2 (IC ₅₀ =179 nM) and TEAD3 (IC ₅₀ =4 nM) as a covalent inhibitor. TEAD-IN-10 can be used for cancer research ^[1] .																		
IC₅₀ & Target	TAED1 14 nM (IC ₅₀)	TAED2 179 nM (IC ₅₀)	TAED3 4 nM (IC ₅₀)																
In Vitro	<p>TEAD-IN-10 has a great inhibition for MCF-7 reporter assay (IC₅₀≤10 nM)^[1]. TEAD-IN-10 has a great selectivity for TEAD1 and TEAD2 with 97% and 98% inhibition in HEK293T cells^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Viability Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>NCI-H226 and H2052 cell lines</td> </tr> <tr> <td>Concentration:</td> <td></td> </tr> <tr> <td>Incubation Time:</td> <td>6 days</td> </tr> <tr> <td>Result:</td> <td>The inhibitory effect of H2052 cell line (IC₅₀≤100 nM) was better than that of NCI-H226 cell line (IC₅₀:100-500 nM).</td> </tr> </table> <p>Cell Proliferation Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>NCI-H226 and H2052 cell lines</td> </tr> <tr> <td>Concentration:</td> <td></td> </tr> <tr> <td>Incubation Time:</td> <td>7 days</td> </tr> <tr> <td>Result:</td> <td>The inhibition rate of anti-proliferation of both cell lines was greater than 75%.</td> </tr> </table>			Cell Line:	NCI-H226 and H2052 cell lines	Concentration:		Incubation Time:	6 days	Result:	The inhibitory effect of H2052 cell line (IC ₅₀ ≤100 nM) was better than that of NCI-H226 cell line (IC ₅₀ :100-500 nM).	Cell Line:	NCI-H226 and H2052 cell lines	Concentration:		Incubation Time:	7 days	Result:	The inhibition rate of anti-proliferation of both cell lines was greater than 75%.
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REFERENCES

[1]. Henry William, et al. Yap/taz-tead oncoproteins inhibitors.WO2024059317A1.2023-09-15

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

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