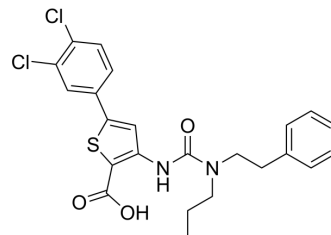


IMP2-IN-3

Cat. No.:	HY-150255
CAS No.:	1448353-63-6
Molecular Formula:	C ₂₃ H ₂₂ Cl ₂ N ₂ O ₃ S
Molecular Weight:	477.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	IMP2-IN-3 is a potent IMP2 inhibitor. IMP2-IN-3 shows anticancer effects ^[1] .								
In Vitro	<p>IMP2-IN-3 (compound 9; 50 μM; 96 hours) inhibits the cell growth of Huh7 cells, it does not affect the viability of differentiated Huh7 cells^[1].</p> <p>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>Huh7 cells</td> </tr> <tr> <td>Concentration:</td> <td>50 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>96 hours</td> </tr> <tr> <td>Result:</td> <td>Inhibited the cell growth of Huh7 cells.</td> </tr> </table>	Cell Line:	Huh7 cells	Concentration:	50 μM	Incubation Time:	96 hours	Result:	Inhibited the cell growth of Huh7 cells.
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Concentration:	50 μM								
Incubation Time:	96 hours								
Result:	Inhibited the cell growth of Huh7 cells.								

REFERENCES

[1]. Charlotte Dahlem, et al. First Small-Molecule Inhibitors Targeting the RNA-Binding Protein IGF2BP2/IMP2 for Cancer Therapy. ACS Chem Biol. 2022 Feb 18;17(2):361-375.

[2]. other

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

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