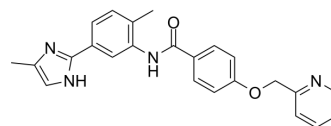


Hedgehog IN-2

Cat. No.:	HY-153456
CAS No.:	1126365-74-9
Molecular Formula:	C ₂₄ H ₂₂ N ₄ O ₂
Molecular Weight:	398.46
Target:	Hedgehog
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Hedgehog IN-2 (Compound 20) is an inhibitor of Hedgehog pathway with an IC ₅₀ value less than 0.003 μM in C3H10T1/2 cells [1].								
In Vitro	<p>Hedgehog IN-2 (3 μM; 72 h) inhibits the Hedgehog pathway with an inhibition rate of 58.1% in C3H10T1/2 cells^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Differentiation Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>C3H10T1/2 cells</td> </tr> <tr> <td>Concentration:</td> <td>3 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>72 h</td> </tr> <tr> <td>Result:</td> <td>Inhibited the Hedgehog pathway with an inhibition rate of 58.1% in C3H10T1/2 cells.</td> </tr> </table>	Cell Line:	C3H10T1/2 cells	Concentration:	3 μM	Incubation Time:	72 h	Result:	Inhibited the Hedgehog pathway with an inhibition rate of 58.1% in C3H10T1/2 cells.
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Concentration:	3 μM								
Incubation Time:	72 h								
Result:	Inhibited the Hedgehog pathway with an inhibition rate of 58.1% in C3H10T1/2 cells.								

REFERENCES

[1]. Dakin Leslie, et al. HETEROCYCLIC AMIDES USEFUL FOR THE TREATMENT OF CANCER AND PSORIASIS, USA, US20100311748A [P]. 12/09/2010

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

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