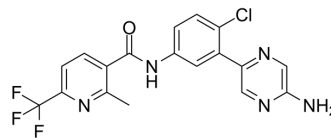


Hedgehog IN-3

Cat. No.:	HY-153457
CAS No.:	1128191-09-2
Molecular Formula:	C ₁₈ H ₁₃ ClF ₃ N ₅ O
Molecular Weight:	407.78
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-3 (compound 3) is a hedgehog pathway inhibitor (IC ₅₀ = 0.01 μM). Hedgehog IN-3 can be used in cancer research ^[1] .								
IC₅₀ & Target	IC ₅₀ : 0.01 μM (Hedgehog pathway) ^[1] .								
In Vitro	<p>Hedgehog IN-3 (compound 3; 0-10 μM; 72 h) inhibits hedgehog pathway, with an IC₅₀ value of 0.01 μM in C3H10T1/2 cells^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Differentiation Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>C3H10T1/2 cells</td> </tr> <tr> <td>Concentration:</td> <td>0-10 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>72 h</td> </tr> <tr> <td>Result:</td> <td>Inhibited hedgehog pathway (IC₅₀ = 0.01 μM).</td> </tr> </table>	Cell Line:	C3H10T1/2 cells	Concentration:	0-10 μM	Incubation Time:	72 h	Result:	Inhibited hedgehog pathway (IC ₅₀ = 0.01 μM).
Cell Line:	C3H10T1/2 cells								
Concentration:	0-10 μM								
Incubation Time:	72 h								
Result:	Inhibited hedgehog pathway (IC ₅₀ = 0.01 μM).								

REFERENCES

[1]. Benjamin Fauber, et al. Phenylcarboxamide derivatives as inhibitors and effectors of the hedgehog pathway. WO2009030952A2.

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

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