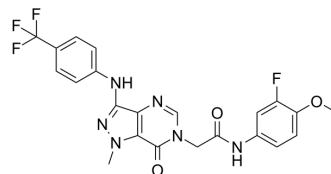


SF-1 antagonist-1

Cat. No.:	HY-148259
CAS No.:	2842079-86-9
Molecular Formula:	C ₂₂ H ₁₈ F ₄ N ₆ O ₃
Molecular Weight:	490.41
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SF-1 antagonist-1 (compound 11) is an antagonist of steroidogenic factor 1 (SF-1). SF-1 antagonist-1 affects SF-1 transcriptional activity with an EC ₅₀ value of \approx 200 nM. SF-1 antagonist-1 inhibits the proliferation of Rat Leydig tumor cells. SF-1 antagonist-1 can be used for the research of cancer ^[1] .								
In Vitro	<p>SF-1 antagonist-1 (0-20 μM) affects SF-1 transcriptional activity with an EC₅₀ value of \approx200 nM^[1]. SF-1 antagonist-1 (0-20 μM; 48 h) affects proliferation of R2C cells^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Proliferation Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>Rat Leydig tumor cell line, R2C</td> </tr> <tr> <td>Concentration:</td> <td>0-20 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>48 h</td> </tr> <tr> <td>Result:</td> <td>Inhibited proliferation of R2C cells with an EC₅₀ value of \approx200 nM.</td> </tr> </table>	Cell Line:	Rat Leydig tumor cell line, R2C	Concentration:	0-20 μ M	Incubation Time:	48 h	Result:	Inhibited proliferation of R2C cells with an EC ₅₀ value of \approx 200 nM.
Cell Line:	Rat Leydig tumor cell line, R2C								
Concentration:	0-20 μ M								
Incubation Time:	48 h								
Result:	Inhibited proliferation of R2C cells with an EC ₅₀ value of \approx 200 nM.								

REFERENCES

[1]. Raheja Neil, et al. PYRAZOLOPYRIMIDINONE COMPOUNDS. WO2022204481. 2022.

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

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