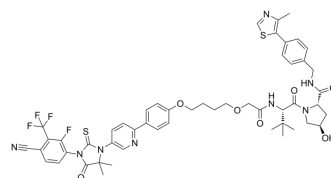


PROTAC AR Degradar-5

Cat. No.:	HY-160547
CAS No.:	2703021-51-4
Molecular Formula:	C ₅₂ H ₅₄ F ₄ N ₈ O ₇ S ₂
Molecular Weight:	1043.16
Target:	Androgen Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PROTAC AR Degradar-5 (compound A46) is a potent AR PROTAC Degradar with an IC ₅₀ value of 49 nM. PROTAC AR Degradar-5 inhibits sebaceous plaque and induces hair regeneration ^[1] .								
In Vivo	<p>PROTAC AR Degradar-5 (compound A46) (100, 200, 400, 800 µg + 12 µg TP; Skin application; daily for 21 days) inhibits sebaceous plaque in golden hamster^[1].</p> <p>PROTAC AR Degradar-5 (5, 10, 30 mg/ml +DHT 30 mpk; 150 µL; Skin application; 2 times a day for 17 days) induces hair regeneration in C57BL/6N mice^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>7-8 weeks, 90-110g, Female Golden hamster^[1]</td> </tr> <tr> <td>Dosage:</td> <td>100, 200, 400, 800 µg + 12 µg TP</td> </tr> <tr> <td>Administration:</td> <td>Skin application; daily for 21 days</td> </tr> <tr> <td>Result:</td> <td>Inhibited sebaceous plaque with the inhibition rate of 19.24%, 35.20%, 49.54%, 51.61% at 100, 200, 400, 800 µg, respectively.</td> </tr> </table>	Animal Model:	7-8 weeks, 90-110g, Female Golden hamster ^[1]	Dosage:	100, 200, 400, 800 µg + 12 µg TP	Administration:	Skin application; daily for 21 days	Result:	Inhibited sebaceous plaque with the inhibition rate of 19.24%, 35.20%, 49.54%, 51.61% at 100, 200, 400, 800 µg, respectively.
Animal Model:	7-8 weeks, 90-110g, Female Golden hamster ^[1]								
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Administration:	Skin application; daily for 21 days								
Result:	Inhibited sebaceous plaque with the inhibition rate of 19.24%, 35.20%, 49.54%, 51.61% at 100, 200, 400, 800 µg, respectively.								

REFERENCES

[1]. YouZhi Tong, et al. Bifunctional compound, preparation method therefor, and use thereof. WO2021180160A1.

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

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