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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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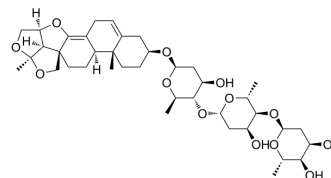
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Anti-inflammatory agent 80

Cat. No.:	HY-N12817
CAS No.:	2128277-55-2
Molecular Formula:	C ₄₀ H ₆₀ O ₁₃
Molecular Weight:	748.9
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-inflammatory agent 80 is an anti-inflammatory agent and has anti-tumor activity. Anti-inflammatory agent 80 can be isolated from <i>Cynanchum limprichtii</i> Schltr ^{[1][2]} .								
In Vitro	<p>Anti-inflammatory agent 80 (Compound 2) is cytotoxic to the human cancer cell line HL60^[1].</p> <p>Anti-inflammatory agent 80 (Compound 2f; 100 μM; 1 h) significantly inhibits LPS-induced iNOS protein expression in RAW264.7 cells^[2].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Western Blot Analysis^[2]</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Cell Line:</td> <td>RAW264.7 cells</td> </tr> <tr> <td>Concentration:</td> <td>100 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>1 h</td> </tr> <tr> <td>Result:</td> <td>significantly inhibited LPS-induced iNOS protein expression</td> </tr> </table>	Cell Line:	RAW264.7 cells	Concentration:	100 μM	Incubation Time:	1 h	Result:	significantly inhibited LPS-induced iNOS protein expression
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Concentration:	100 μM								
Incubation Time:	1 h								
Result:	significantly inhibited LPS-induced iNOS protein expression								

REFERENCES

- [1]. Liu JC, et al. Two new 14, 15-secopregnane-type steroidal glycosides from the roots of *Cynanchum limprichtii*. *Nat Prod Res.* 2018 Feb;32(3):261-267.
- [2]. Lai C, et al. Hirundigenin type C 21 steroidal glycosides from *Cynanchum stauntonii* and their anti-inflammatory activity[J]. *RSC advances*, 2016, 6(64): 59257-59268.

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

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