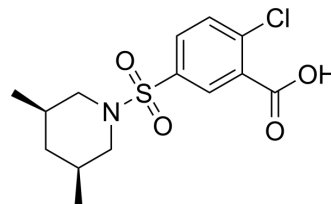


Tibric acid

Cat. No.:	HY-121755
CAS No.:	37087-94-8
Molecular Formula:	C ₁₄ H ₁₈ ClNO ₄ S
Molecular Weight:	331.82
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tibric acid (CP 18524) has similar effects to those of hypolipidemic agents. Tibric acid has orally active triglyceride-lowering effects. Tibric acid can be used for research of hypertriglyceridemia ^{[1][2]} .								
In Vivo	<p>Tibric acid (13-125 mg/kg/d, oral administration, daily for 1 week) reduces serum cholesterol and triglyceride levels in rats^[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Animal Model:</td> <td>Rats^[1]</td> </tr> <tr> <td>Dosage:</td> <td>13, 25, 125 mg/kg/d</td> </tr> <tr> <td>Administration:</td> <td>oral administration, daily for 1 week</td> </tr> <tr> <td>Result:</td> <td>Decreased serum cholesterol and triglyceride levels, but increased total liver content of cholesterol, phospholipids, and triglycerides.</td> </tr> </table>	Animal Model:	Rats ^[1]	Dosage:	13, 25, 125 mg/kg/d	Administration:	oral administration, daily for 1 week	Result:	Decreased serum cholesterol and triglyceride levels, but increased total liver content of cholesterol, phospholipids, and triglycerides.
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REFERENCES

[1]. Biemann P, et al. Dose-response to tibric acid: a new hypolipidemic drug in type IV hyperlipoproteinemia. Clin Pharmacol Ther. 1975 May;17(5):606-11.

[2]. Cayen MN, et al. Effect of tibric acid on hepatic cholesterol synthesis in rats. Lipids. 1977 Aug;12(8):684-8.

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

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