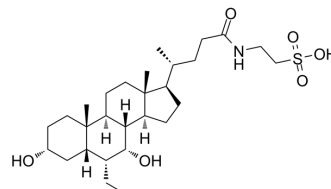


## Tauro-obeticholic acid

<b>Cat. No.:</b>	HY-135399
<b>CAS No.:</b>	863239-61-6
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>49</sub> NO <sub>6</sub> S
<b>Molecular Weight:</b>	527.76
<b>Target:</b>	FXR
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### BIOLOGICAL ACTIVITY

<b>Description</b>	Tauro-obeticholic acid is an active metabolite of Obeticholic acid. Obeticholic acid is an orally bioavailable farnesoid-X receptor (FXR) agonist <sup>[1]</sup> .
<b>In Vitro</b>	Obeticholic acid is conjugated with taurine in the liver to form Tauro-obeticholic acid, which is secreted into bile. Microorganisms in the ileum and colon can deconjugate Tauro-obeticholic acid, converting it into the parent drug, which may then be reabsorbed or excreted in faeces <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Markham A, et al. Obeticholic Acid: First Global Approval. *Drugs*. 2016 Aug;76(12):1221-6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA