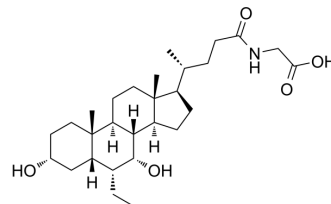


## Glyco-Obeticholic acid

<b>Cat. No.:</b>	HY-135400		
<b>CAS No.:</b>	863239-60-5		
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>47</sub> NO <sub>5</sub>		
<b>Molecular Weight:</b>	477.68		
<b>Target:</b>	FXR		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Glyco-obeticholic acid is an active metabolite of Obeticholic acid. Obeticholic acid is a farnesoid X receptor (FXR) agonist <sup>[1]</sup> .
<b>In Vitro</b>	Obeticholic acid is conjugated with glycine in the liver to form glyco-obeticholic acid, which is secreted into bile. Microorganisms in the ileum and colon can deconjugate glyco-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