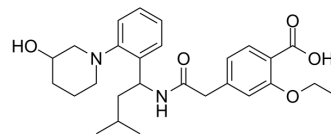


## 3'-Hydroxy Repaglinide

<b>Cat. No.:</b>	HY-135335
<b>CAS No.:</b>	874908-14-2
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>36</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	468.59
<b>Target:</b>	Drug Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

3'-Hydroxy Repaglinide is a main CYP2C8 metabolite of Repaglinide. Repaglinide is a carbamoylmethyl benzoic acid (CMBA) derivative, which recently has become available for the treatment of type II diabetes<sup>[1][2]</sup>.

### REFERENCES

[1]. A liquid chromatography-tandem mass spectrometry analysis of nine cytochrome P450 probedrugs and their corresponding metabolites in human serum and urine. *Anal Bioanal Chem.* 2017 Jan;409(1):251-268.

[2]. Honkalammi J, et al. Mechanism-based inactivation of CYP2C8 by gemfibrozil occurs rapidly in humans. *Clin Pharmacol Ther.* 2011 Apr;89(4):579-86.

**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