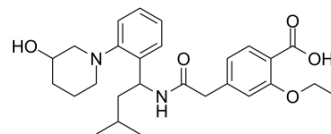


## 3'-Hydroxy Repaglinide

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



### 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