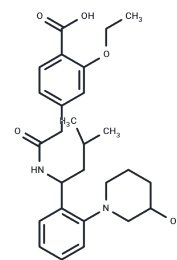


## 3'-Hydroxy Repaglinide

## Chemical Properties

CAS No. :	874908-14-2
Formula:	C <sub>27</sub> H <sub>36</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	468.59
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	'3'-Hydroxy Repaglinide, a primary CYP2C8 metabolite of Repaglinide, is derived from carbamoylmethyl benzoic acid and is used in the treatment of type II diabetes.
Targets(IC50)	Others, Drug Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1341 mL	10.6703 mL	21.3406 mL
5 mM	0.4268 mL	2.1341 mL	4.2681 mL
10 mM	0.2134 mL	1.067 mL	2.1341 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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

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