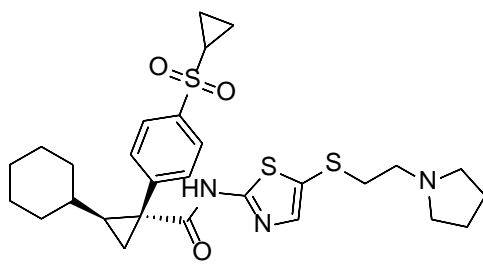


# Product data sheet



MedKoo Cat#: 522676 Name: LY-2608204 CAS: 1234703-40-2 Chemical Formula: C <sub>28</sub> H <sub>37</sub> N <sub>3</sub> O <sub>3</sub> S <sub>3</sub> Exact Mass: 559.1997 Molecular Weight: 559.802		
Product supplied as:		Powder
Purity (by HPLC):		≥ 98%
Shipping conditions		Ambient temperature
Storage conditions:		Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

## 1. Product description:

LY-2608204 is an activator of glucokinase (GK) with an EC<sub>50</sub> value of 42 nM. LY2608204 decreases plasma glucose in a dose-dependent manner at both fasted and postprandial glucose levels. In 2010, LY-2608204 was entered clinical trials in Patients With Type 2 Diabetes.

## 2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

## 3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMF	33.0	58.95
DMF:PBS (pH 7.2) (1:2)	0.33	0.59
DMSO	79.0	141.12
Ethanol	35.0	62.52

## 4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.79 mL	8.93 mL	17.86 mL
5 mM	0.36 mL	1.79 mL	3.57 mL
10 mM	0.18 mL	0.89 mL	1.79 mL
50 mM	0.04 mL	0.18 mL	0.36 mL

## 5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

## 6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

## 7. Bioactivity

Biological target:

Globalagliatin (LY2608204) is a activator of glucokinase (GK) with EC<sub>50</sub> of 42 nM.

In vitro activity

TBD

# Product data sheet



In vivo activity

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TBD

*Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.*