

## Phenylacetylglutamine-D5

## Chemical Properties

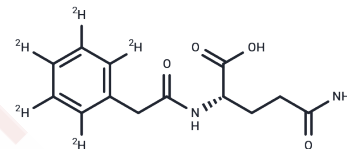
CAS No. : 1331909-01-3

Formula: C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight: 269.31

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	Phenylacetylglutamine-D5 is a deuterated form of Phenylacetylglutamine (TMSM-3315).
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7132 mL	18.566 mL	37.1319 mL
5 mM	0.7426 mL	3.7132 mL	7.4264 mL
10 mM	0.3713 mL	1.8566 mL	3.7132 mL
50 mM	0.0743 mL	0.3713 mL	0.7426 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

Poesen R, et al. Microbiota-Derived Phenylacetylglutamine Associates with Overall Mortality and Cardiovascular Disease in Patients with CKD. J Am Soc Nephrol. 2016 Nov;27(11):3479-3487.

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