



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

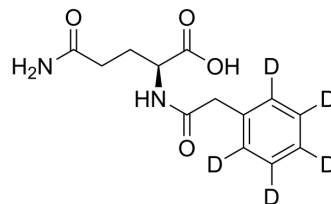
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Phenylacetylglutamine-d₅

Cat. No.:	HY-W050026S	
CAS No.:	1331909-01-3	
Molecular Formula:	C ₁₃ H ₁₁ D ₅ N ₂ O ₄	
Molecular Weight:	269.31	
Target:	Endogenous Metabolite; Isotope-Labeled Compounds	
Pathway:	Metabolic Enzyme/Protease; Others	
Storage:	Powder	-20°C 3 years 4°C 2 years
	In solvent	-80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 50 mg/mL (185.66 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.7132 mL	18.5660 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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 1.25 mg/mL (4.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 1.25 mg/mL (4.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 1.25 mg/mL (4.64 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Phenylacetylglutamine-d₅ is the deuterium labeled Phenylacetylglutamine. Phenylacetylglutamine is a colonic microbial metabolite from amino acid fermentation[1].

CUSTOMER VALIDATION

-
- ESC Heart Fail. 2022 May 27.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. 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.

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