

Phenylacetyl-d5 L-Glutamine Biochemical

Phenylacetyl-d5 L-Glutamine

CATALOG #
AAA24109

HOST
Synthetic

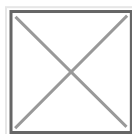
PRODUCT SYNONYMS

Phenylacetyl-d5 L-Glutamine; Phenylacetyl-d5 L-Glutamine biochemical

PRODUCT SPECIFICATIONS

Host	Synthetic
Purity/Purification	Chemical: 98% Isotopic: 98.7% HPLC: 99.39%
Form/Format	Off-White to pale yellow solid
CAS Number	1331909-01-3
Molecular Formula	C ₁₃ H ₁₁ D ₅ N ₂ O ₄
Melting Point	>47 degree C
Solubility	DMSO (Slightly), Methanol (Slightly)
Method for Determining Identity	Proton NMR (CDCL ₃ , DMSO-d ₆) and Mass Spectrometric Analysis
TLC Conditions	C ₁₈ ; Isopropano = 100%, Visualized with AMCS; RF = 0.65
Elemental Analysis	Found: %C: 55.29%, %H: 6.03, %N: 9.91
Normalized Intensity	d ₀ = 0.39%, d ₁ =0.01%, d ₂ =0.01%, d ₃ =0.12%, d ₄ =4.31%, d ₅ =95.16%
Handling	All products should be handled by qualified personal only, trained in laboratory procedures.
Preparation and Storage	May be stored at Room Temperature for short-term only. Long-term storage is recommended at -20 degree C. Stable for 6 months after receipt. For maximum recovery of product, centrifuge the original vial prior to removing the cap. Hygroscopic. Store under inert atmosphere.

IMAGES



Structure

Structure of AAA24109 N₂-(2-Phenyl-d₅-acetyl)-L-glutamine; N-Phenyl-d₅-acetylglutamine;
N₂-(Phenyl-d₅-acetyl)-L-glutamine; NSC 203800-d₅; Phenyl-d₅-acetyl-L-glutamine;
Phenylacetylglutamine-d₅

ADDITIONAL INFORMATION

**Related Product Information for
Phenylacetyl-d5 L-Glutamine
biochemical**

It is used as labeled biomarker for metabolic age.

Product Categories/Family for
Phenylacetyl-d5 L-Glutamine
biochemical

Biochemicals; Biochem-Isotopes

NCBI AND UNIPROT INFORMATION

Molecular Weight

269.31

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/synthetic-biochemical/phenylacetyl-d5-l-glutamine/24109>