

Phenylacetyl-d5 L-Glutamine Biochemical

Phenylacetyl-d5 L-Glutamine

CATALOG #
AAA24109

HOST
Synthetic

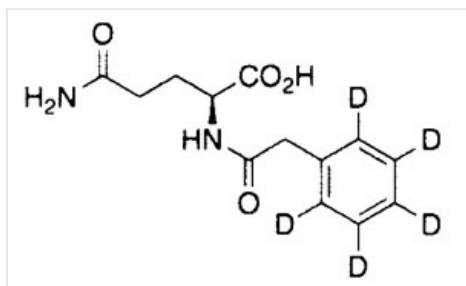
PRODUCT SYNONYMS

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	C18; Isopropano = 100%, Visualized with AMCS; RF = 0.65
Elemental Analysis	Found: %C: 55.29%, %H: 6.03, %N: 9.91
Normalized Intensity	d0= 0.39%, d1=0.01%, d2=0.01%, d3=0.12%, d4=4.31%, d5=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
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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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/phenylacetyl-d5-l-glutamine/24109>