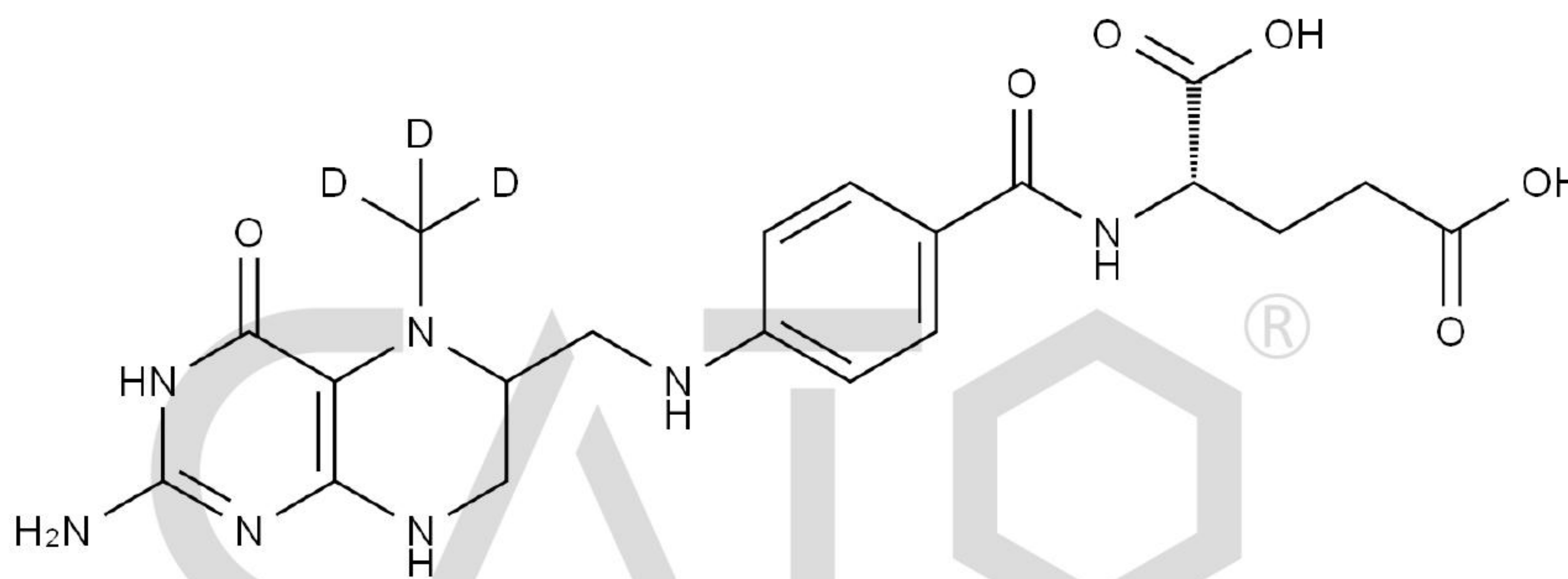


Certificate of Analysis

Reference Material & Standard

Product Name:	5-(Methyl-d3)tetrahydrofolic Acid (Mixture of Diastereomers)	Catalogue Number:	CCAD302636
Synonyms:	N/A	Lot Number:	0106-RG-0058
CAS Number:	1356019-97-0	Expiry Date:	May 21, 2026
Molecular Formula:	C ₂₀ H ₂₂ D ₃ N ₇ O ₆	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	462.47		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow to Pale Beige Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	NMR	95.0%
Isotopic Purity		99.8%
Uncertainty		±2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jan 07, 2025

Date: Jan 07, 2025

Date: Jan 07, 2025

