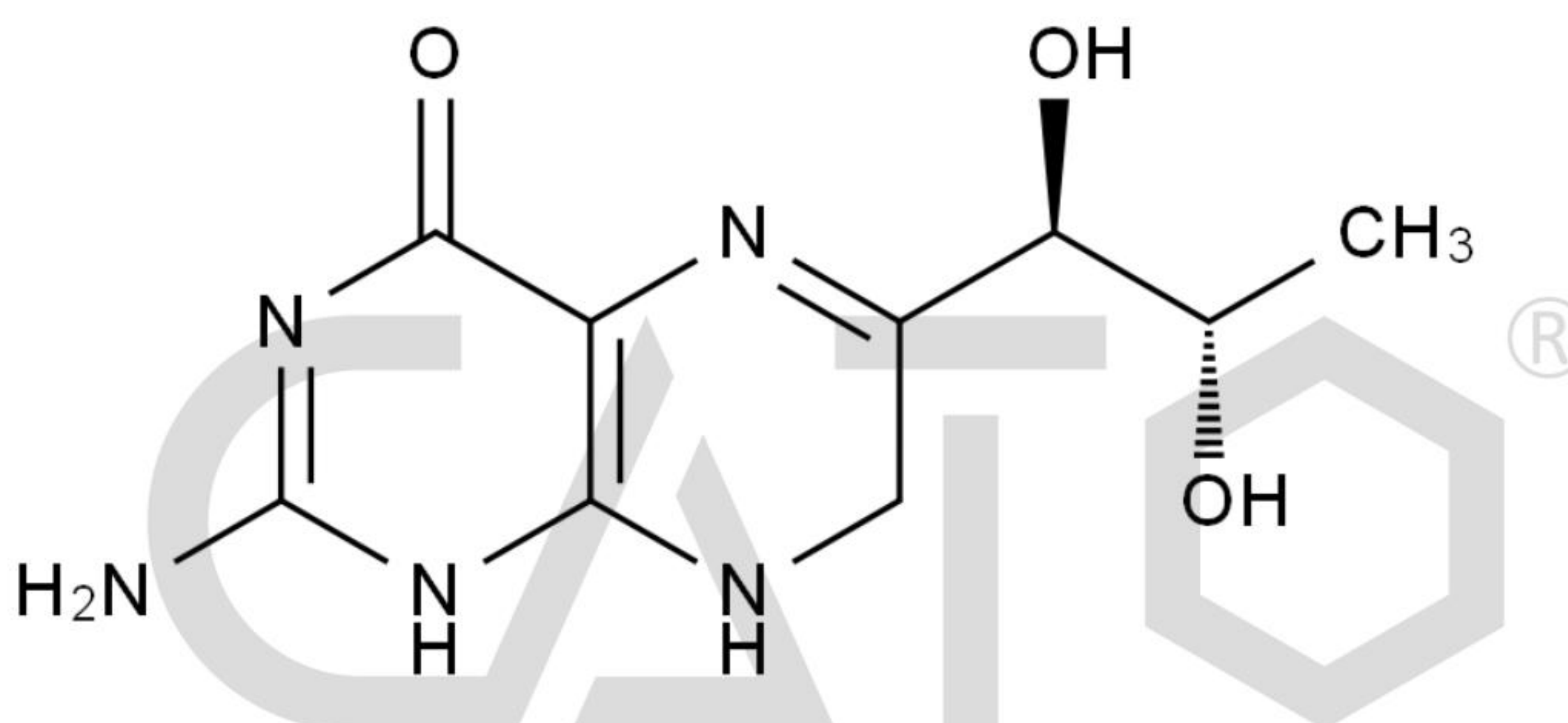


Certificate of Analysis

Reference Material & Standard

Product Name:	7,8-Dihydro-L-biopterin	Catalogue Number:	C4X-139524
Synonyms:	N/A	Lot Number:	1024-RG-0073
CAS Number:	6779-87-9	Expiry Date:	Oct 27, 2029
Molecular Formula:	C ₉ H ₁₃ N ₅ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	239.23	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.895%
Loss On Drying	TGA	8.9930%
Assay		90.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 28, 2025

Date: Oct 28, 2025

Date: Oct 28, 2025



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