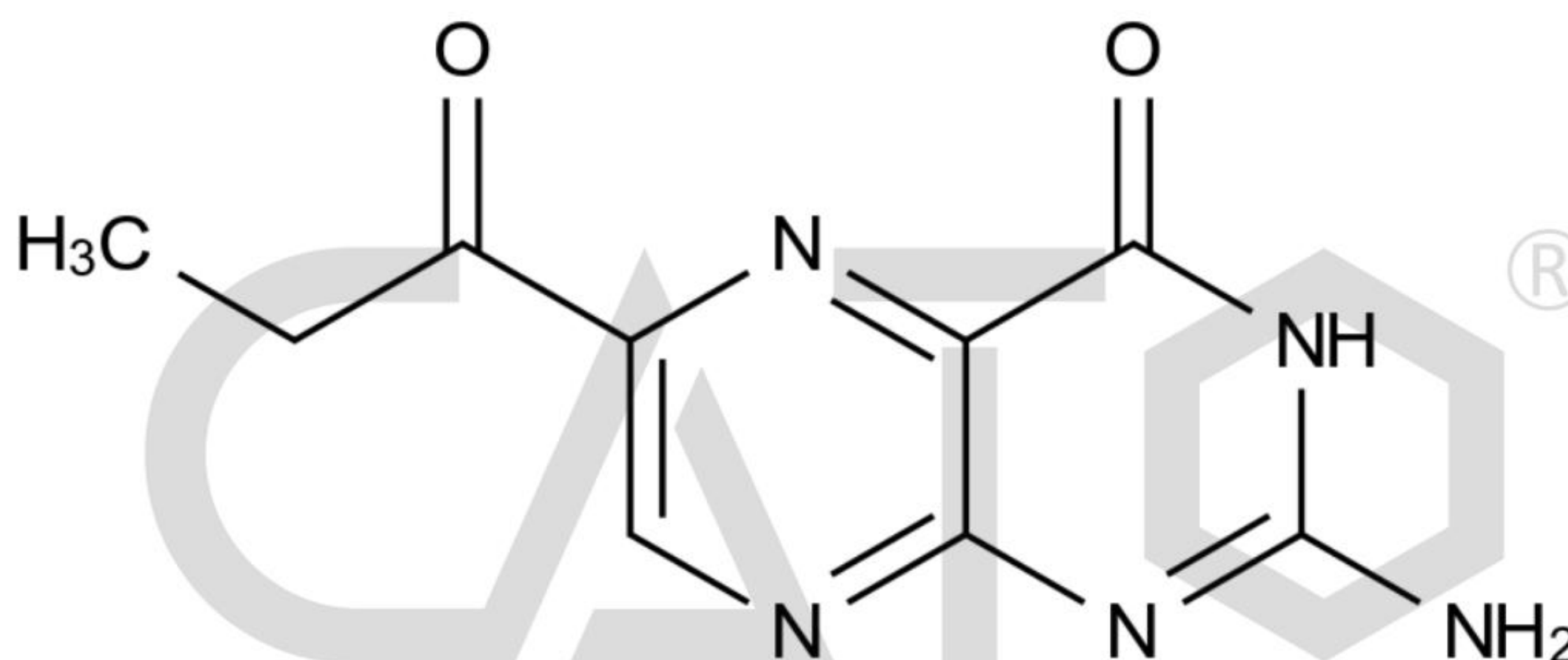


Certificate of Analysis

Reference Material & Standard

Product Name:	Dehydrodeoxy Sepiapterin	Catalogue Number:	C4X-276619
Synonyms:	N/A	Lot Number:	0917-RH-0009
CAS Number:	71014-28-3	Expiry Date:	Sep 17, 2030
Molecular Formula:	C ₉ H ₉ N ₅ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	219.20	Shipping Condition:	Shipping with Ice Packs
Solubility:	DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.369%
Loss on Drying	TGA	3.3037%
Assay		93.2%

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:

Hin Lam

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 18, 2026

Date: Sep 18, 2026

Date: Sep 18, 2026



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