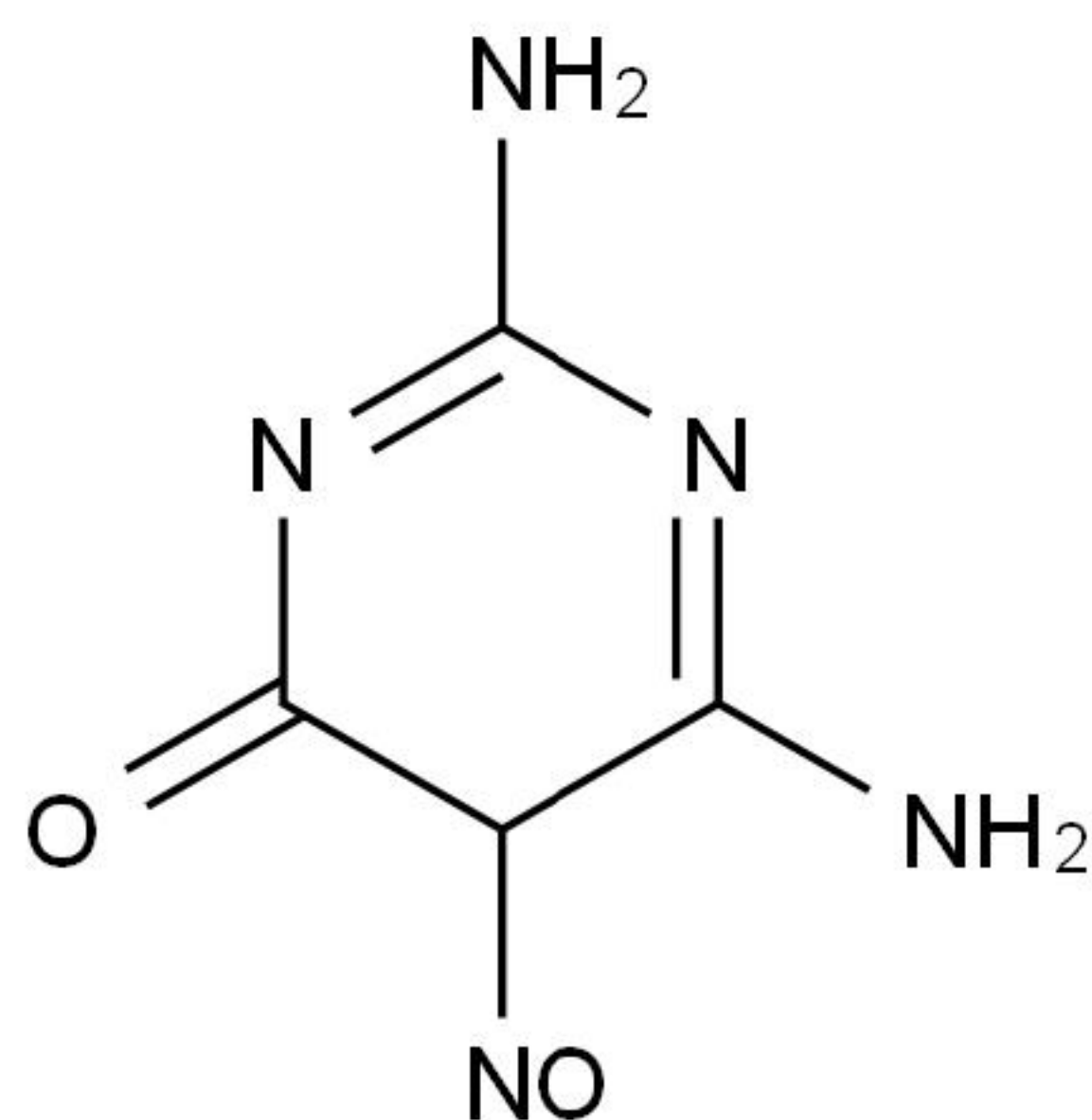


Certificate of Analysis

Reference Material & Standard

Product Name:	Sepiapterin Impurity 6	Catalogue Number:	C4X-27666
Synonyms:	N/A	Lot Number:	1023-RE-0082
CAS Number:	2387-48-6	Expiry Date:	Oct 03, 2027
Molecular Formula:	C ₄ H ₅ N ₅ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	155.11	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.21%
Loss On Drying	TGA	0.0391%
Assay		96.2%

Comment:

The calculation of the 100% 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

Aproved by General Manager:

David

Date: Oct 26, 2023

Date: Oct 26, 2023

Date: Oct 26, 2023

