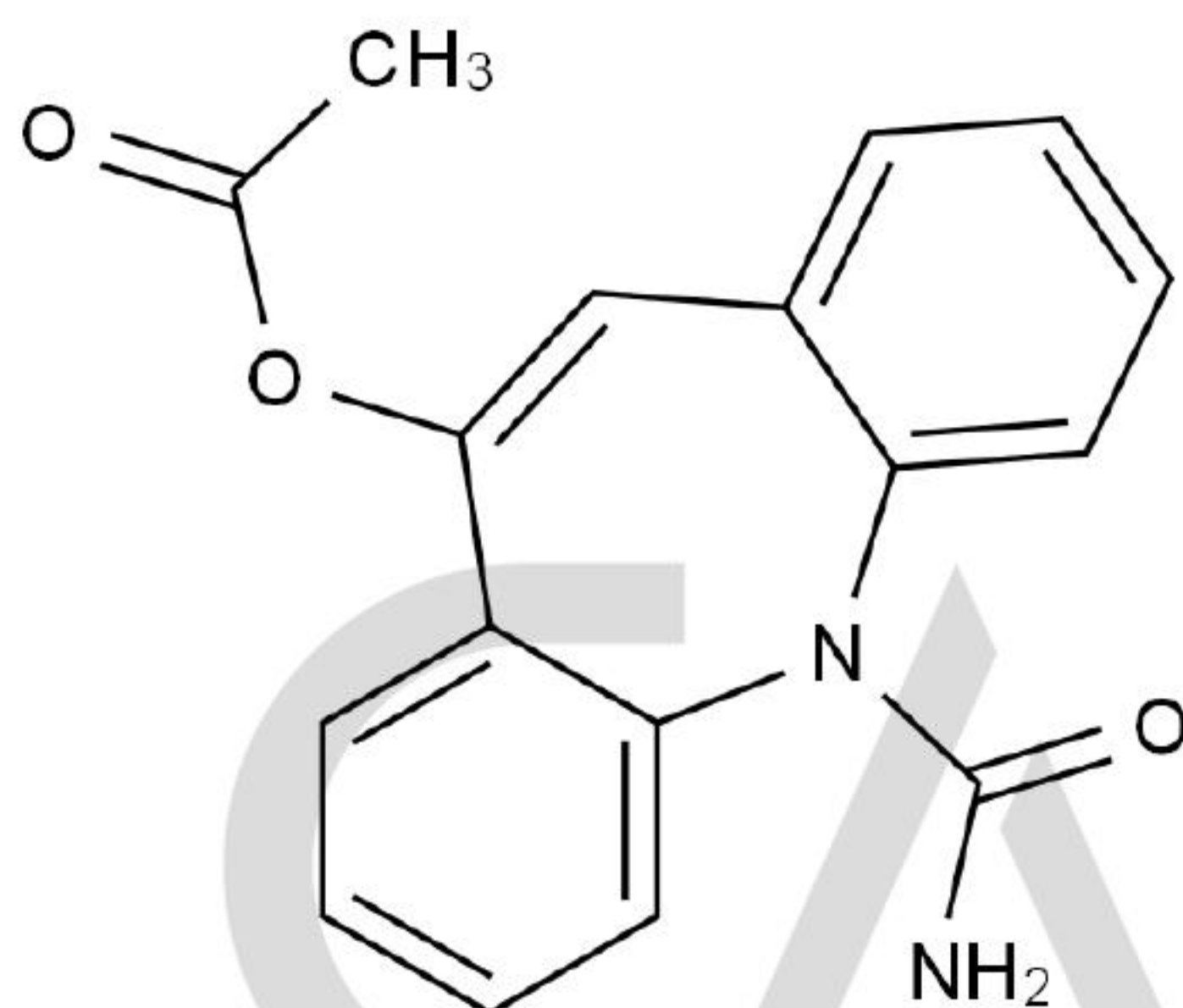


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbamazepine 10-Acetoxy Impurity	Catalogue Number:	CP154205
Synonyms:	N/A	Lot Number:	1228-RE-0051
CAS Number:	952740-00-0	Expiry Date:	Jan 01, 2027
Molecular Formula:	C ₁₇ H ₁₄ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	294.30	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.639%
Loss On Drying	TGA	1.6624%
Assay		95.0%

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: Jan 02, 2024

Date: Jan 02, 2024

Date: Jan 02, 2024

