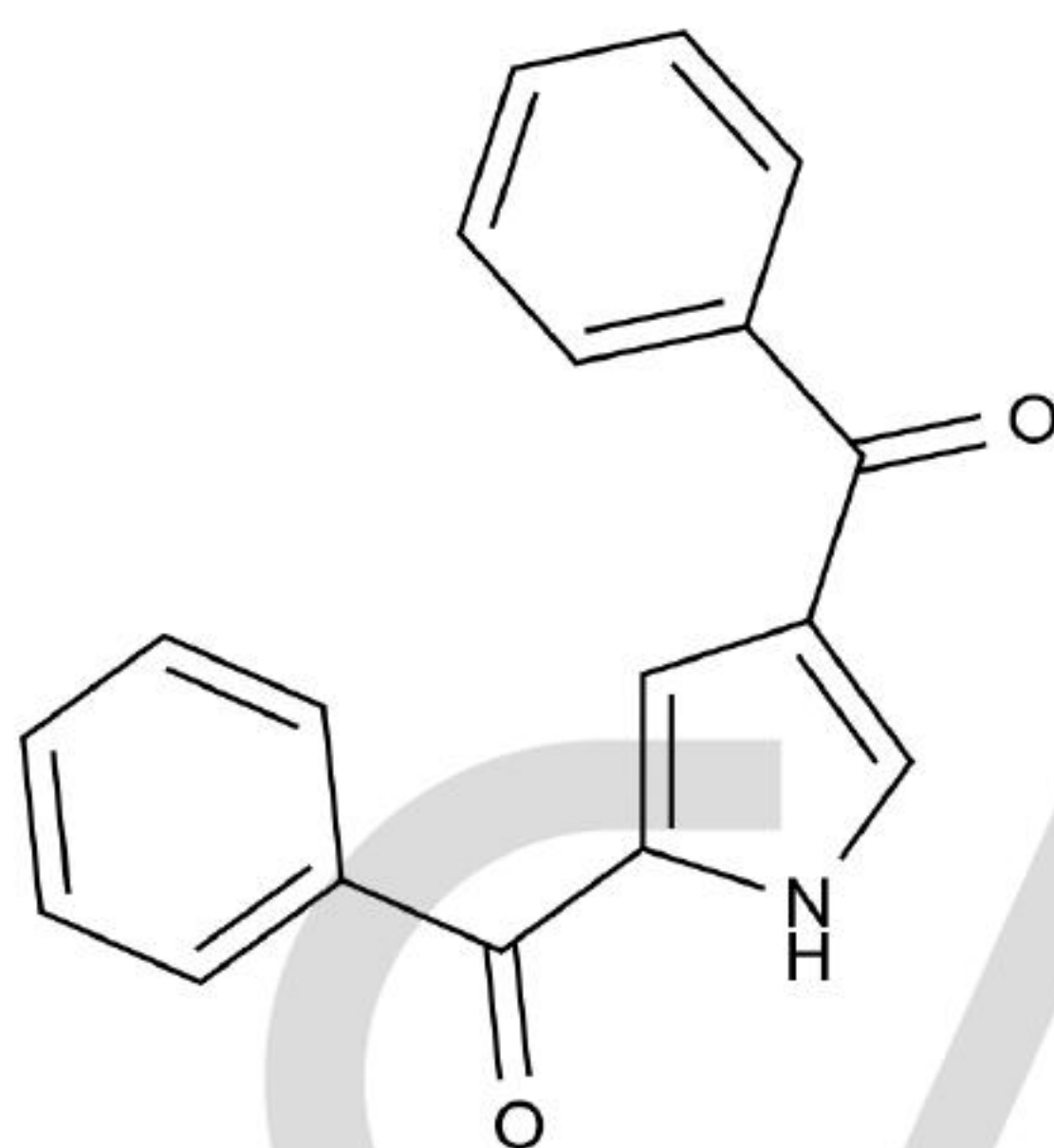


Certificate of Analysis

Reference Material & Standard

Product Name:	Ketorolac Impurity 52	Catalogue Number:	C4X-166952
Synonyms:	N/A	Lot Number:	0401-RF-0031
CAS Number:	147088-89-9	Expiry Date:	Apr 01, 2027
Molecular Formula:	C ₁₈ H ₁₃ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	275.30		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1176%
Assay		99.9%

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

Aporoved by General Manager:

David

Date: Apr 02, 2024

Date: Apr 02, 2024

Date: Apr 02, 2024

