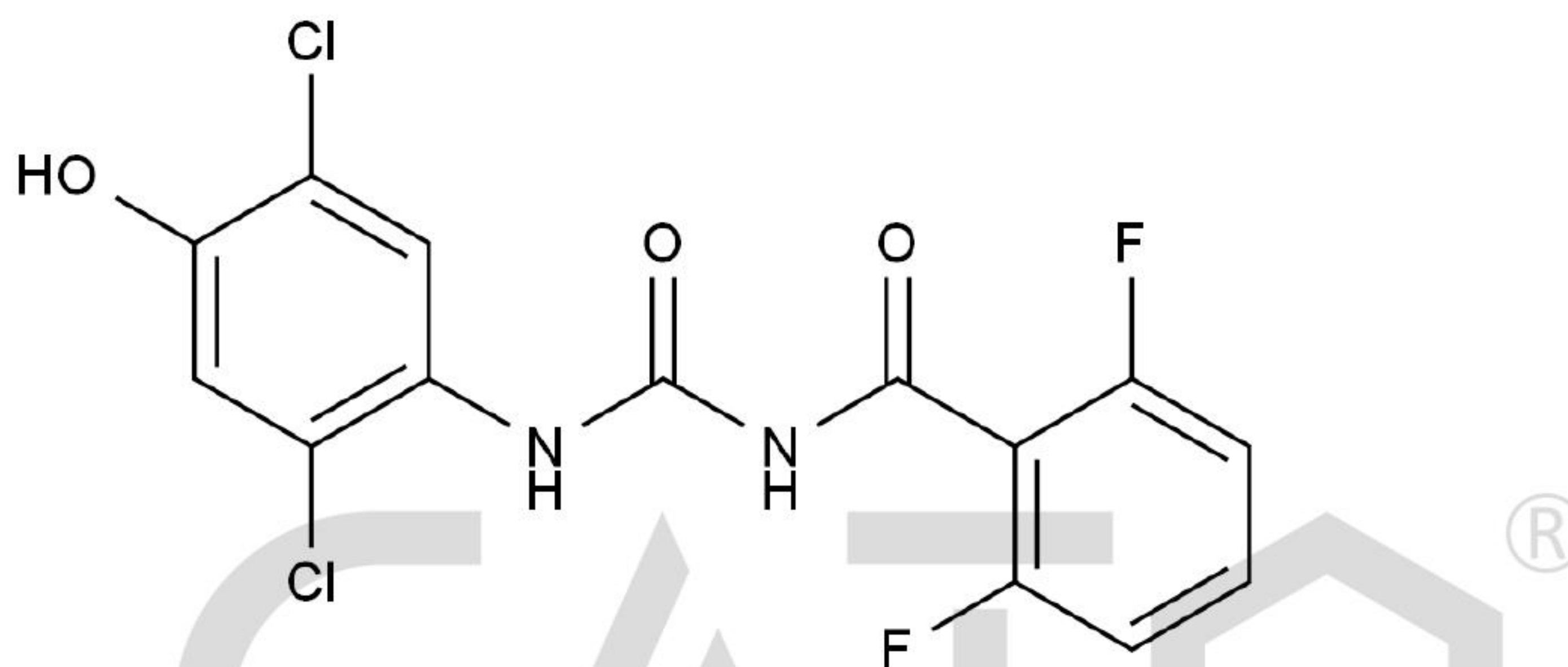


Certificate of Analysis

Reference Material

Product Name:	Lufenuron EP Impurity B	Catalogue Number:	C4X-28871
Chemical Name:	N/A	Lot Number:	0828-RE-0071
CAS Number:	2767988-84-9	Expiry Date:	Jul 23, 2025
Molecular Formula:	C ₁₄ H ₈ Cl ₂ F ₂ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	361.13		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	96.48%
Loss On Drying	TGA	2.3538%
Assay		94.2%

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:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Jul 24, 2023

Date: Aug 29, 2023

Date: Aug 29, 2023

