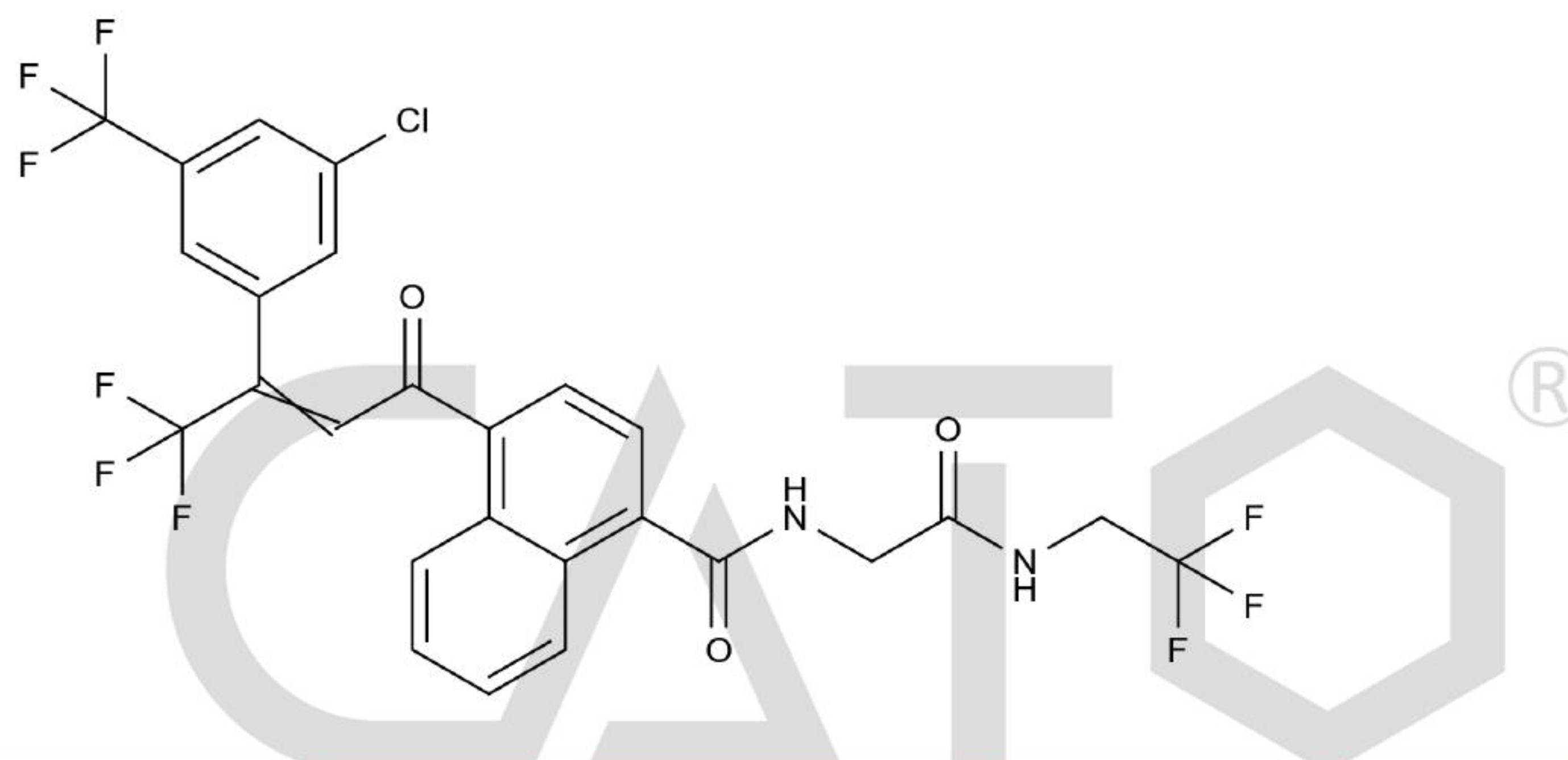


Certificate of Analysis

Reference Material & Standard

Product Name:	Afoxolaner Impurity 22	Catalogue Number:	C4X-313722
Synonyms:	N/A	Lot Number:	0414-RH-0023
CAS Number:	1125812-56-7	Expiry Date:	Apr 16, 2030
Molecular Formula:	C ₂₆ H ₁₆ ClF ₉ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	610.86	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.310%
Loss on Drying	TGA	4.0307%
Assay		95.3%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 23, 2026

Date: Apr 23, 2026

Date: Apr 23, 2026

