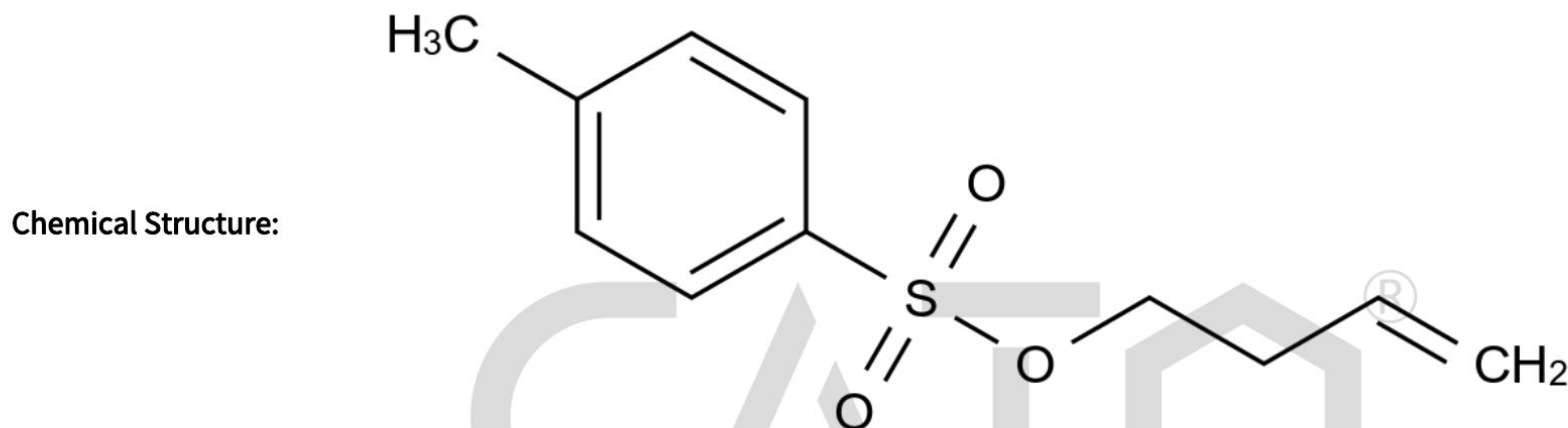


Certificate of Analysis

Reference Material & Standard

Product Name:	Pemetrexed Impurity 11	Catalogue Number:	C4X-172611
Synonyms:	N/A	Lot Number:	0708-RG-0064
CAS Number:	778-29-0	Expiry Date:	Jul 21, 2029
Molecular Formula:	C ₁₁ H ₁₄ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	226.29		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	97.947%
Residue on Ignition	TGA	1.5422%
Loss On Drying	TGA	0.4696%
Assay		96.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 22, 2025

Date: Jul 22, 2025

Date: Jul 22, 2025

