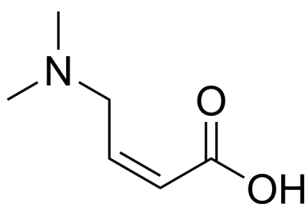


Certificate of Analysis

Compound Information

Product Name:	(2Z)-4-(Dimethylamino)-2-butenoic Acid (Afatinib Impurity)
Cat. No.:	1234871
CAS No.:	1092365-58-6
Molecular Formula:	C ₆ H ₁₁ NO ₂
Molecular Weight:	129.16
Chemical Structure:	



Batch Information

Batch No.:	Lg1207343928
Storage:	2-8°C, protect from light
Test Date:	2023-12-07
Retest Date:	2026-12-06
Origin:	Shanghai, China

QC Summary

Appearance:	Light brown to brown (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥97.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai