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## **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

## Product Name: Abemaciclib Impurity 1

## Identification:

Chemical Name: 5-((4-Ethylpiperazin-1-yl)methyl)pyridin-2-amine

Synonyms	: NA	$\sim$
CAS Number	: 1180132-17-5	
CAT Number	: CP-A97011	
Molecular Formula	: C12H20N4	
Molecular Weight	: 220.32	NH <sub>2</sub>

## **Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe (Manager QC Analytical) Approved By

Ms Rohini Gagare (QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.