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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

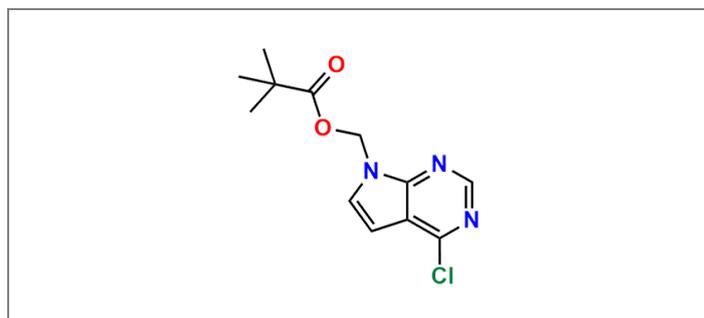
Re-test Date: Jan 2029

**Product Name: Baricitinib Impurity 25**

### Identification:

Chemical Name: (4-Chloro-7H-pyrrolo[2,3-d]pyrimidin-7-yl)methyl pivalate

Synonyms : NA  
CAS Number : 1146629-75-5  
CAT Number : CP-B31030  
Molecular Formula : C<sub>12</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>2</sub>  
Molecular Weight : 267.7  
Batch Number : CP-BAR-25-0226



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.66%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	0.231%
7)	Potency by TGA	99.42%



#### Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Quality Control)

#### Approved By



Ms Rohini Gagare  
(Quality Assurance)

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