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## CERTIFICATE OF ANALYSIS

Analysis Date:

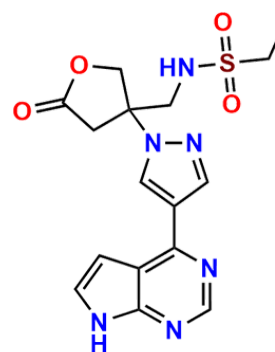
Re-test Date:

**Product Name: Barcitinib Lactone Impurity**

### Identification:

Chemical Name: N-((3-(4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl)-5-oxotetrahydrofuran-3-yl) methyl) ethane sulfonamide

Synonyms : NA  
CAS Number : 2910813-43-1  
CAT Number : CP-B31036  
Molecular Formula : C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>4</sub>S  
Molecular Weight : 390.42



### 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.