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CERTIFICATE OF ANALYSIS

Analysis Date:

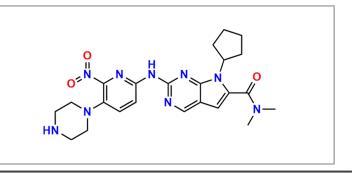
Re-test Date:

Product Name: Ribociclib Impurity 54

Identification:

Chemical Name: 7-cyclopentyl-N,N-dimethyl-2-((6-nitro-5-(piperazin-1-yl)pyridin-2-yl)amino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide

| Synonyms | : | NA |
|-------------------|---|------------|
| CAS Number | : | NA |
| CAT Number | : | CP-R48035 |
| Molecular Formula | : | C23H29N9O3 |
| Molecular Weight | : | 479.55 |



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.