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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

**Product Name: Risdiplam Ethyl Impurity**

### Identification:

Chemical Name: 2-(2,8-Dimethylimidazo[1,2-b]pyridazin-6-yl)-7-(3-ethylpiperazin-1-yl)-4H-pyrido[1,2-a]pyrimidin-4-one

Synonyms : NA

CAS Number : NA

CAT Number : CP-R36033

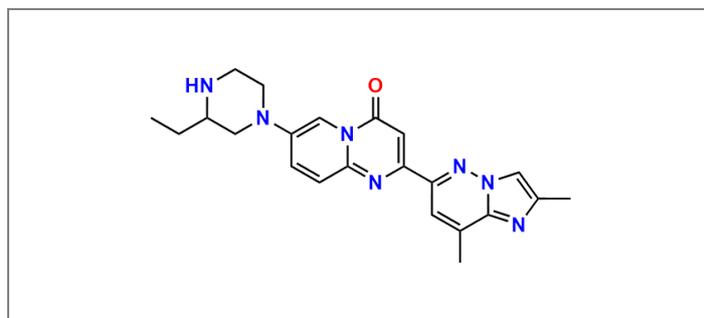
Molecular Formula : C<sub>22</sub>H<sub>25</sub>N<sub>7</sub>O

Molecular Weight : 403.5

Batch Number : CP-34-60

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         | Yellow Solid         |
| 2)      | Solubility          | Soluble in Methanol  |
| 3)      | MASS By LCMS        | Confirm to Structure |
| 4)      | Purity by HPLC      | 96.70%               |
| 5)      | <sup>1</sup> H NMR  | Confirm to Structure |
| 6)      | <sup>13</sup> C NMR | Confirm to Structure |
| 7)      | IR                  | Confirm to Structure |
| 8)      | Weight loss by TGA  | 6.969%               |
| 9)      | Potency by TGA      | 89.96%               |



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.