

Registered Office:

**Anjaneey Enterprise**

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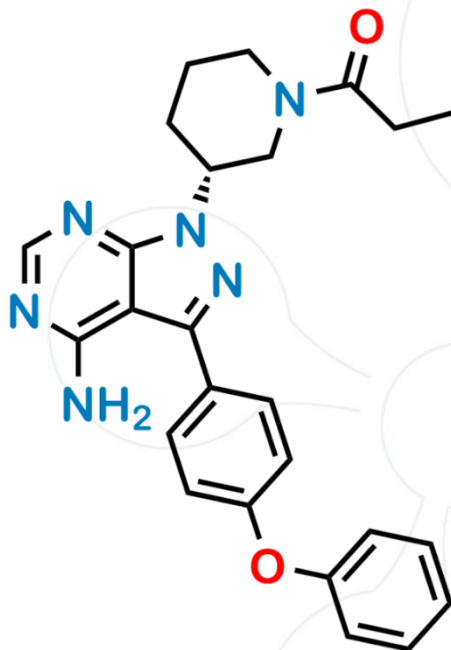


## CERTIFICATE OF ANALYSIS

### (R)-N-Desacryloyl N-Propionyl Ibrutinib

#### Identification

Product Name	: (R)-N-Desacryloyl N-Propionyl Ibrutinib
Chemical Name	: 1-[(3R)-3-[4-Amino-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl]-1-piperidinyl]-1-propanone
CAS No.	: 1839099-22-7
Molecular Formula	: C <sub>25</sub> H <sub>26</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight	: 442.5
Structure	:



#### Analytical Information

Appearance of Product	: Light Yellow Hygroscopic Solid
Solubility	: ACN:H <sub>2</sub> O(8:2)
Long Term Storage	: 2° 8° C for long term storage
HPLC Purity	: 99.01 %
Weight Loss by TGA	: 2.73 %