Certificate of Analysis

Ruxolitinib (phosphate)

Cat. No.: HY-50858
CAS No.: 1092939-17-7

Batch No.: 08994

Chemical Name: 1H-Pyrazole-1-propanenitrile, .beta.-cyclopentyl-4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-, (.beta.R)-,

phosphate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_of_solution} \mbox{Molecular Formula:} \qquad \qquad \mbox{C_{17}H$}_{21}\mbox{$N_6O}_{4}\mbox{P}$

Molecular Weight: 404.36

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to gray (Solid)

Purity (HPLC): 99.98%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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