Certificate of Analysis

Palbociclib (isethionate)

Cat. No.: HY-A0065
CAS No.: 827022-33-3
Batch No.: 413889

Chemical Name: Ethanesulfonic acid, 2-hydroxy-, compd. with 6-acetyl-8-cyclopentyl-5-methyl-2-[[5-(1-piperazin

yl)-2-pyridinyl]amino]pyrido[2,3-d]pyrimidin-7(8H)-one (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{26}H_{35}N_7O_6S$ Molecular Weight: 573.66

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

 * In solvent : -80°C, 1 year; -20°C, 6 months (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.99%

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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