

## Product Information

### Compound Name

Palbociclib Impurity 92

### Synonyms

4-(4-(6-((6-acetyl-8-cyclopentyl-5-methyl-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl)amino)pyridin-3-yl)piperazin-1-yl)-4-oxobutanoic acid

### Chemical Formula

C<sub>28</sub>H<sub>33</sub>N<sub>7</sub>O<sub>5</sub>

### Molecular Weight

547.61

### Catalogue Number

P0098.93

### Lot No.

PAP-932-29

### Long-Term Storage Conditions

2-8 °C

### Shipping Conditions

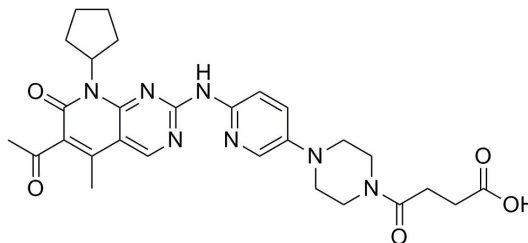
Ambient

### Appearance

Yellow Solid

**Test Date:** Apr. 27, 2022

**Re-test Date:** Apr. 26, 2025



**CAS No. :** 1974279-21-4

## Analytical Information

### Solubility

DMSO

### Weight Loss by TGA

0.84%

### Method for Determining Identity

MS, <sup>1</sup>H NMR (DMSO-d<sub>6</sub>)

### Purity (HPLC)

97.12%

### Potency (TGA)

96.30%

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CERTIFICATE OF ANALYSIS