

**CERTIFICATE OF ANALYSIS**

**GENERAL INFORMATION**

**Product No.:** SI160010

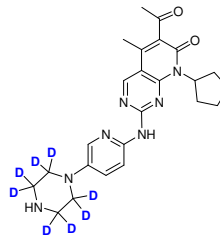
**CAS No.:** 1628752-83-9; 571190-30-2 (non-d)

**Product Name:** Palbociclib-d8

**Other Names:** 6-Acetyl-8-cyclopentyl-5-methyl-2-{{[5-(1-piperazinyl)-2-pyridinyl]amino}pyrido[2,3-d]pyrimidin-7(8H)-one-d8; PD-0332991-d8;

**Description:** N/A

**Structure:**



**Formula:** C<sub>24</sub>H<sub>21</sub>D<sub>8</sub>N<sub>7</sub>O<sub>2</sub>

**Mol. Wt.:** 455.58

**Exact Mass:** 455.29

**CHARACTERIZATION**

PROPERTY	OBSERVATION
<b>Appearance &amp; Physical State:</b>	Yellow, solid powder
<b>Proton NMR (CDCl<sub>3</sub>, 500 MHz):</b>	Conforms
<b>Mass Spectrometry (ESI-POS):</b>	Conforms, [M <sup>+</sup> +1] = 456
<b>Purity (&gt;95% by HPLC):</b>	Conforms, >95%

**BATCH INFORMATION**

**Lot No.:** XXXXXX

**Date Prepared:** XXXXXX

**NOTES**

1. Store below -20°C.
2. Open when container and contents have reached room temperature.