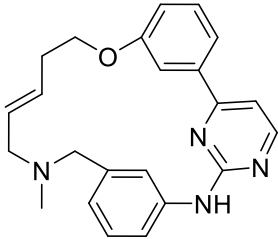




## Certificate of Analysis

|                     |                        |              |
|---------------------|------------------------|--------------|
| <b>MedKoo Cat#:</b> | <b>Product Name:</b>   | <b>Lot#:</b> |
| 205642              | Zotiraciclib free base | SMC30321     |

|   |  |
|---|--|
| <b>Chemical name</b>  |  |
| 20-Oxa-5,7,14,27-tetraazatetracyclo[19.3.1.12,6.18,12]heptacosal(25),2,4,6(27),8,10,12(26),16,21,23-decaene, 14-methyl- |  |
| <b>Synonyms</b>   |  |
| Ex45; Ex-45; EX 45; TG02; TG 02; TG02; SB1317; SB1317; SB 1317; Zotiraciclib; Zotiraciclib free base                    |  |
| <b>Chemical structure</b>   | <b>CAS# and Theoretical analysis</b>   |
|                                       | MedKoo Cat#: 205642<br>Name: Zotiraciclib free base<br>CAS#: 1204918-72-8 (free base)<br>Lot#: SMC30321<br>Chemical Formula: C <sub>23</sub> H <sub>24</sub> N <sub>4</sub> O<br>Exact Mass: 372.19501<br>Molecular Weight: 372.46 |

| Analysis item             | Specifications / Results   |
|---------------------------|--|
| <b>Appearance</b>         | Yellow solid powder  |
| <b>Structure</b>          | <sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature. |
| <b>Purity (HPLC)</b>      | >99.0%   |
| <b>Solubility</b>         | Soluble in DMF,DMSO  |
| <b>Conclusion</b>         | This product conforms with MedKoo's quality standards  |
| <b>Shipping condition</b> | Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.                      |
| <b>Storage condition</b>  | Short term storage (weeks): 0 – 4 °C under dry condition<br>Long term storage (months): -20 °C under dry condition   |
| <b>Shelf life</b>         | At least 5 years if properly stored.   |

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**