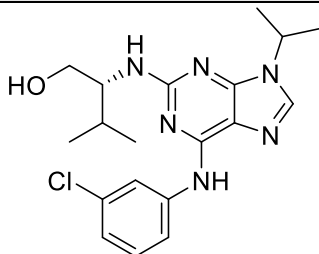




## Certificate of Analysis

|                     |                      |              |
|---------------------|----------------------|--------------|
| <b>MedKoo Cat#:</b> | <b>Product Name:</b> | <b>Lot#:</b> |
| 406332              | Purvalanol A         | B7B12C06     |

|   |  |
|---|--|
| <b>Chemical name</b>  |  |
| (R)-2-((6-((3-chlorophenyl)amino)-9-isopropyl-9H-purin-2-yl)amino)-3-methylbutan-1-ol |  |
| <b>Synonyms</b>   |  |
| Purvalanol A, Purv; NG60; NG-60; NG 60..  |  |
| <b>Chemical structure</b>   | <b>CAS# and Theoretical analysis</b>   |
|     | MedKoo Cat#: 406332<br>Name: Purvalanol A<br>CAS#: 212844-53-6<br>Lot# B7B12C06<br>Chemical Formula: C <sub>19</sub> H <sub>25</sub> ClN <sub>6</sub> O<br>Exact Mass: 388.17784<br>Molecular Weight: 388.89 |

| <b>Analysis item</b>      | <b>Specifications / Results</b>  |
|---------------------------|--|
| <b>Appearance</b>         | Grey 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>      | >98.0%   |
| <b>Solubility</b>         | Soluble in 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**