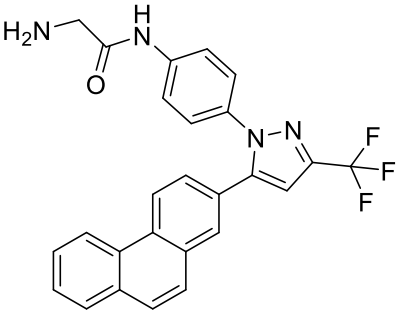




## Certificate of Analysis

|                     |                      |              |
|---------------------|----------------------|--------------|
| <b>MedKoo Cat#:</b> | <b>Product Name:</b> | <b>Lot#:</b> |
| 200272              | OSU-03012            | C8R04B23     |

|  |  |
|--|--|
| <b>Chemical name</b>   |  |
| 2-amino-N-{4-[5-(2-phenanthrenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-phenyl} acetamide |  |
| <b>Synonyms</b>  |  |
| AR12; AR-12; AR 12; OSU03012; OSU-03012; OSU 03012                                       |  |
| <b>Chemical structure</b>  | <b>CAS# and Theoretical analysis</b>   |
|        | MedKoo Cat#: 200272<br>Name: OSU-03012<br>CAS#: 742112-33-0 (free base)<br>Lot#: C8R04B23<br>Chemical Formula: C <sub>26</sub> H <sub>19</sub> F <sub>3</sub> N <sub>4</sub> O<br>Exact Mass: 460.1511<br>Molecular Weight: 460.45 |

| <b>Analysis item</b>      | <b>Specifications / Results</b>  |
|---------------------------|--|
| <b>Appearance</b>         | White to off-white 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**