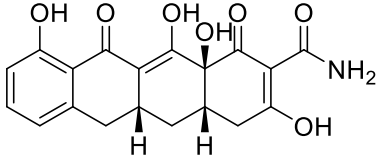




## Certificate of Analysis

|                     |                      |              |
|---------------------|----------------------|--------------|
| <b>MedKoo Cat#:</b> | <b>Product Name:</b> | <b>Lot#:</b> |
| 201520              | Incyclinide          | YXM81222     |

|                                                                                                                                                 |                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chemical name</b>                                                                                                                            |                                                                                                                                                                                                       |
| (4aS,5aR,12aS)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide                                        |                                                                                                                                                                                                       |
| <b>Synonyms</b>                                                                                                                                 |                                                                                                                                                                                                       |
| CMT-3; CMT 3; CMT3; COL3; COL-3; COL 3; Incyclinide; 4-dedimethylamino sancycline; Chemically modified tetracycline-3. US brand name: Metastat. |                                                                                                                                                                                                       |
| <b>Chemical structure</b>                                                                                                                       | <b>CAS# and Theoretical analysis</b>                                                                                                                                                                  |
|                                                               | MedKoo Cat#: 201520<br>Name: Incyclinide<br>CAS#: 15866-90-7<br>Lot#YXM81222<br>Chemical Formula: C <sub>19</sub> H <sub>17</sub> NO <sub>7</sub><br>Exact Mass: 371.1005<br>Molecular Weight: 371.34 |

| 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>      | >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**