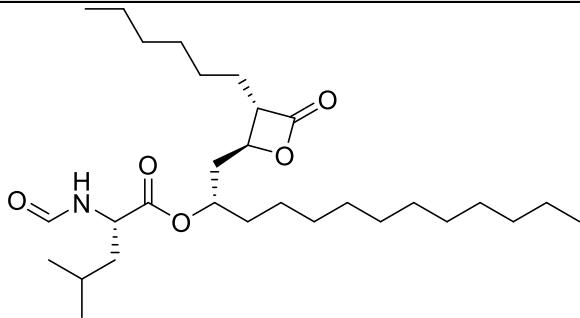




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 318390 | Orlistat | BBC60815 |

| | |
|--|--|
| Chemical name | |
| [(2S)-1-[(2S,3S)-3-hexyl-4-oxooxetan-2-yl]tridecan-2-yl] (2S)-2-formamido-4-methylpentanoate | |
| Synonyms | |
| Ro 18-0647/002; Orlistat, Alli, Tetrahydrolipastatin, Tetrahydrolipstatin, THLP, Xenical | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 318390 Name: Orlistat CAS#: 96829-58-2 Lot#: BBC60815 Chemical Formula: C ₂₉ H ₅₃ NO ₅ Exact Mass: 495.3924 Molecular Weight: 495.73 |

| Analysis item | Specifications / Results |
|---------------------------|--|
| Appearance | White to off-white solid powder |
| Structure | ¹ 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. |
| Purity (HPLC) | >99.0% |
| Solubility | Soluble in DMSO. |
| Conclusion | This product conforms with MedKoo's quality standards |
| Shipping condition | Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs. |
| Storage condition | Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition |
| Shelf life | At least 5 years if properly stored. |

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