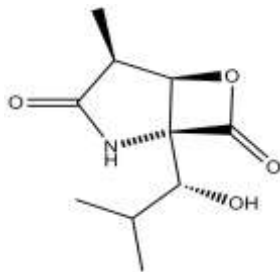


clasto-Lactacystin β -lactone**ALTERNATE NAME:** Omuralide; β -Clastolactacystin**CATALOG #:** 1710-100**AMOUNT:** 100 μ g**STRUCTURE:****MOLECULAR FORMULA:** C₁₀H₁₅NO₄**MOLECULAR WEIGHT:** 213.23**CAS NUMBER:** 154226-60-5**APPEARANCE:** White solid**SOLUBILITY:** DMSO (25 mg/ml)**PURITY:** \geq 95% by HPLC**STORAGE:** Store at -20°C.**DESCRIPTION:** Cell-permeable. A highly specific, potent and irreversible proteasome inhibitor. Lactacystin (Cat. No. 1709-200) acts as a precursor for clasto-lactacystin β -lactone and the latter compound is at least 10 times more active than the parent Lactacystin.**REFERENCES:** Craiu, A., *et al.* (1997). *J. Biol. Chem.* **272**, 13437-13445**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**FOR RESEARCH USE ONLY! Not to be used on humans.****RELATED PRODUCTS:**

- MG-132 (Cat. No. 1703-5)
- Lactacystin (Cat. No. 1709-200)