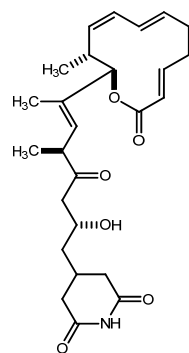


Lactimidomycin: (i) eukaryotic protein translation inhibitor, blocking the translocation step in translational initiation, and (ii) its utility in global mapping of translation initiation sites, termed Global Translation Initiation Sequencing (GTI-seq).



Lactimidomycin

1. Schneider-Poetsch, T.; Ju, J.; Eyler, D. E.; Dang, Y.; Bhat, S.; Merrick, W. C.; Green, R.; Shen, B.; Liu, J. O. (2010) Inhibition of eukaryotic translation elongation by cycloheximide and lactimidomycin. *Nat. Chem. Biol.* **6**:209-217.
2. Lee, S.; Liu, B.; Lee, S, Huang, S.-X.; Shen, B.; and Qian, S.-B. (2012) Global mapping of translation initiation sites in mammalian cells at single-nucleotide resolution. *Proc. Natl. Acad. Sci. USA* **109**:14728-14729 (E2424-E2432).
3. Stern-Ginossar, N.; Weisburd, B.; Michalski, A.; Le, V. T. K.; Hein, M. Y.; Huang, S.-X.; Ma, m.; Shen, B.; Qian, S.-B.; Hengel, H.; Mann, M.; Ingolia, N. T.; Weissman, J. S. (2012) Decoding human cytomegalovirus. *Science* **338**:1088-1093.