

## Lysosome und Lysosomotropika

**Lysosomotropica sind Arzneimittel, die selektiv in die Lysosomen von Zellen eindringen. Lysosomotropica erhöhen in Phagolysosomen den pH – Wert von 4,8 auf 5,3, 5,7 und 6,8.**

**Lysosomotropic agents are drugs, able to enter selectively the lysosomes of cells. Lysosomotropic agents increase phagolysosomes from pH 4.8 to 5.3, 5.7, and 6.8.**

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### Lysosomotropic compounds

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**“These findings provide strong support for the idea that lysosomotropic detergents kill cells by disrupting lysosomes from within”.**

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**“The antimicrobial activity of antibiotics combined with the lysosomotropic agents amantadine (1 microgram/mL), chloroquine (1 microgram/mL), and ammonium chloride (1 mg/mL), which alkalized *Coxiella burnetii*-containing phagolysosomes from pH 4.8 to 5.3, 5.7, and 6.8, respectively, was evaluated”.**

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