

# Neomycin

Neomycin is an aminoglycoside antibiotic with very low allergic potential and minimal local irritation. These qualities allow both topical and oral administration of the antibiotic. When administered orally it is not absorbed in the intestinal lumen and it has local effect there .

## Spectrum

Its antimicrobial spectrum includes Gram-negative bacteria (except *Pseudomonas aeruginosa*) and staphylococci.

## Indication

Neomycin sulfate in combination with bacitracin is called **Framycoin**, which is used in **treatment of the skin infections**. It's available as a powder or as an ointment.

## Side effects

Systemic absorption is undesirable, because neomycin has strong **nephrotoxic**, **ototoxic** and **neurotoxic** effects.

## References

### Bibliography

- LINCOVÁ, Dagmar – FARGHALI, Hassan, et al. *Základní a aplikovaná farmakologie*. 2. edition. Praha : Galén, 2007. ISBN 978-80-7262-373-0.

### References

1. ↑ SÚKL ,. *SPC o FRAMYKOIN drm ung 10 gm* [online]. [feeling. 2016-04-25]. < <http://www.sukl.cz/modules/medication/detail.php?code=0001066&tab=texts> >.