



Short communication

Search for drugs of the combined anti-inflammatory and anti-bacterial properties: 1-methyl-N'-(hydroxymethyl)nicotinamide

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Abstract:

It has already been reported that 1-methylnicotinamide (MNA⁺), a primary metabolite of nicotinamide (vitamin B₃), possesses remarkable anti-inflammatory properties [3]. This communication shows that 1-methyl-N'-(hydroxymethyl)nicotinamide (MNAF⁺) can be regarded as MNA⁺ precursor able to release simultaneously formaldehyde. Therefore, MNAF⁺ can be viewed as a candidate for drug with the combined anti-inflammatory and anti-bacterial properties.

Key words:

1-methyl-N'-(hydroxymethyl)nicotinamide, anti-inflammatory, anti-bacterial, formaldehyde release
