

## Abstract

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Title of Thesis: Taste masking in orodispersible tablets. Evaluation of selected technologies.

Orodispersible tablets (ODT) represent a modern trend in solid dosage forms. This Master Thesis is focused on assessment of the influence of excipients on properties of orodispersible tablets as well as on masking the taste of active ingredient vardenafil-hydrochlorid trihydrat. The tablet blends containing crospovidone as a disintegrating agent were prepared. The impact of hypromellose, sweeteners and flavours on the properties of tablets fabricated by the direct compression or by wet granulation was studied. Out of the examined combinations of components the formulation consisting of hypromellose, sweeteners and mint flavor had the best taste. The tablets prepared by wet granulation had longer disintegration time compared with the tablets prepared by the direct compression.