

令和5年度「日本薬局方の試験法等に関する研究」研究報告 キョウカツの外部形態の違いと含有成分多様性評価に 関する研究*2

丸山 卓郎*1

External Morphological Features and Chemical Diversity of *Notopterygium**2

Takuro MARUYAMA *1

Summary

To evaluate the acceptability of *Notopterygium* with various external morphological features, their botanical origin was identified based on genetic information, their chemical composition was determined by means of TLC and LC/MS analyses, and their TRPA1 stimulant activity was measured. The results indicated that bamboo *Notopterygium* (竹節羌), irregular-nodal *Notopterygium* (大頭羌), and striped *Notopterygium* (条羌) show little variation in metabolite profile or pharmacological activity, and all of them should be acceptable for JP *Notopterygium*.

Key words

Notopterygium, Botanical origin, LC/MS metabolome, TRPA1