

Evaluation of fruit pomace constituents as activators of the endothelial nitric oxide synthase (eNOS), by Katharina Waldbauer



In her thesis, Katharina Waldbauer investigated the potential of pomace extracts from apple, apricot, bilberry and elderberry on their potential to enhance the activity of the endothelial nitric oxide synthase (eNOS). Approaching a bioassay-guided fractionation, several active fractions were elucidated to contain triterpenoic acids. For the first time, $(2\beta,3\beta)$ -3,25-epoxy-2,3,19-trihydroxy-urs-12-en-28-oic acid was isolated from an apple pomace fraction.



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