



Suppl. Fig. 1. Two-step chemical conversion of 3'-hydroxy-olean-12-en-29-oic acid methyl ester into “HENA”. 3'-hydroxy-olean-12-en-29-oic acid methyl ester (compound 1) was hydrolyzed to obtain 3'-hydroxy-olean-12-en-29-oic acid (compound 2). Purified acid (2) was further converted to the corresponding sodium salt (compound 3, “HENA”).