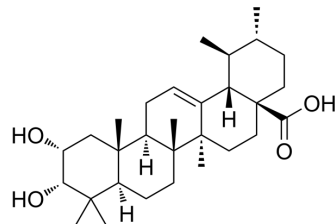


## Pygenic acid A

Cat. No.:	HY-N1823
CAS No.:	52213-27-1
Molecular Formula:	C <sub>30</sub> H <sub>48</sub> O <sub>4</sub>
Molecular Weight:	472.7
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Pygenic acid A is a natural compound that can be found in <i>Prunella vulgaris</i> . Pygenic acid A induces apoptosis in metastatic breast cancer cells. Pygenic acid A can be used for the research of diabetes, inflammatory diseases, and cancers <sup>[1]</sup> .
<b>In Vitro</b>	Pygenic acid A sensitizes metastatic breast cancer cells to anoikis via multiple pathways, such as inhibition of pro-survival pathways and activation of ER stress and autophagy, leading to the inhibition of metastasis <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ga-Eun Lim, et al. Pygenic Acid A (PA) Sensitizes Metastatic Breast Cancer Cells to Anoikis and Inhibits Metastasis In Vivo. *Int J Mol Sci.* 2020 Nov; 21(22): 8444.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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