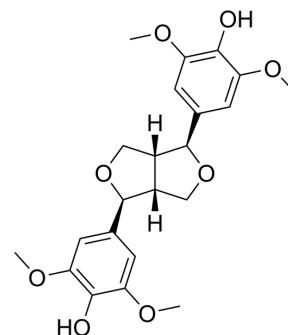


## (+)-Syringaresinol

<b>Cat. No.:</b>	HY-126030
<b>CAS No.:</b>	21453-69-0
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>26</sub> O <sub>8</sub>
<b>Molecular Weight:</b>	418.44
<b>Target:</b>	Nuclear Factor of activated T Cells (NFAT)
<b>Pathway:</b>	Immunology/Inflammation
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### BIOLOGICAL ACTIVITY

<b>Description</b>	(+)-Syringaresinol, a lignan, is a NFAT transcription factor inhibitor, with an IC <sub>50</sub> of 329.4 μM. (+)-Syringaresinol also can be used for the research of lymphocytic leukemia <sup>[1][2]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 329.4 μM (NFAT transcription factor) <sup>[1]</sup>
<b>In Vitro</b>	(+)-Syringaresinol inhibits the growth of P-388 cells, with an ED <sub>50</sub> 0.41 μg/mL <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Cai XF, et, al. Inhibitory lignans against NFAT transcription factor from *Acanthopanax koreanum*. Arch Pharm Res. 2004 Jul;27(7):738-41.
- [2]. Badawi MM, et, al. Plant anticancer agents XXVII: Antileukemic and cytotoxic constituents of *Dirca occidentalis* (Thymelaeaceae). J Pharm Sci. 1983 Nov;72(11):1285-7.

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

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