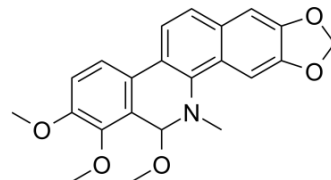


## Angoline

Cat. No.:	HY-N7674
CAS No.:	21080-31-9
Molecular Formula:	C <sub>22</sub> H <sub>21</sub> NO <sub>5</sub>
Molecular Weight:	379.41
Target:	STAT
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

Description	Angoline is a potent and selective IL6/STAT3 signaling pathway inhibitor with an IC <sub>50</sub> of 11.56 μM. Angoline inhibits STAT3 phosphorylation and its target gene expression, and inhibits cancer cell proliferation <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: 11.56 μM (IL6/STAT3 signaling pathway)

### REFERENCES

[1]. Jiawei Liu, et al. Angoline: a selective IL-6/STAT3 signaling pathway inhibitor isolated from *Zanthoxylum nitidum*. *Phytomedicine*. Jul-Aug 2014;21(8-9):1088-91.

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

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