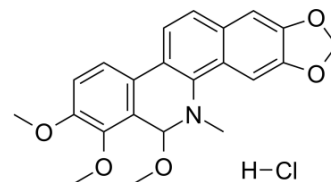


Angoline hydrochloride

Cat. No.:	HY-N7674A
CAS No.:	1071676-04-4
Molecular Formula:	C ₂₂ H ₂₂ ClNO ₅
Molecular Weight:	415.87
Target:	STAT
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Angoline hydrochloride is a potent and selective IL6/STAT3 signaling pathway inhibitor with an IC ₅₀ of 11.56 μM. Angoline hydrochloride inhibits STAT3 phosphorylation and its target gene expression, and inhibits cancer cell proliferation ^[1] .
IC ₅₀ & 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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