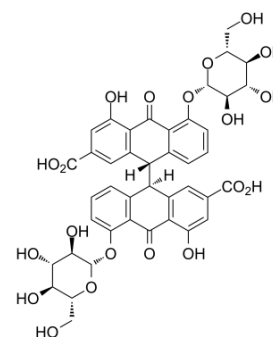


Sennoside B

Cat. No.:	HY-N0366
CAS No.:	128-57-4
Molecular Formula:	C ₄₂ H ₃₈ O ₂₀
Molecular Weight:	862.74
Target:	PDGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Sennoside B is an anthraquinone glycoside, found in large quantities in leaves and pods of Senna (*Cassia angustifolia*) [1]. Sennoside B can inhibit PDGF-stimulated cell proliferation by binding to PDGF-BB and its receptor and by down-regulating the PDGFR-beta signaling pathway [2].

REFERENCES

[1]. Rama Reddy NR, et al. Next Generation Sequencing and Transcriptome Analysis Predicts Biosynthetic Pathway of Sennosides from Senna (*Cassia angustifolia* Vahl.), a Non-Model Plant with Potent Laxative Properties. *PLoS One*. 2015 Jun 22;10(6):e0129422.

[2]. Chen YC, et al. Sennoside B inhibits PDGF receptor signaling and cell proliferation induced by PDGF-BB in human osteosarcoma cells. *Life Sci*. 2009 Jun 19;84(25-26):915-22.

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

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