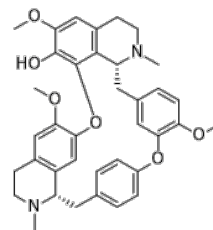


Product Name : Fangchinoline
Cat. No. : PC-27150
CAS No. : 436-77-1
Molecular Formula : C₃₇H₄₀N₂O₆
Molecular Weight : 608.74
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

Fangchinoline is a natural bisbenzylisoquinoline alkaloid isolated from *Stephania tetrandra* within extensive biological activities, such as enhancing immunity, anti-inflammatory sterilization and anti-atherosclerosis, inhibits HIV-1 replication by impairing gp160 proteolytic processing, suppresses FAK-mediated signaling pathway in cancer cells which highly expressed FAK, enhances antigen cross-presentation in a DNGR-1 (CLEC9A)-dependent manner.

References

- Liao Y, et al. Adv Sci (Weinh). 2026 Jun 11:e76043.
Wan Z, et al. PLoS One. 2012;7(6):e39225.
Guo B, et al. J Drug Target. 2015 Apr;23(3):266-74.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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