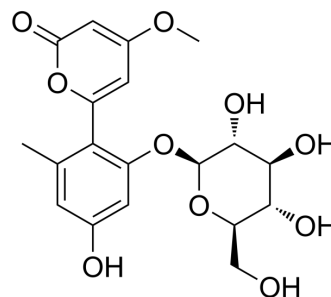


Aloenin

Cat. No.:	HY-N0495
CAS No.:	38412-46-3
Molecular Formula:	C ₁₉ H ₂₂ O ₁₀
Molecular Weight:	410.37
Target:	Beta-secretase
Pathway:	Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description Aloenin (Aloenin A) is a kind of natural product, has effective clearing and free radical activity, and has moderate inhibitory activity on β -secretion (BACE) (IC₅₀=14.95 μ g/mL). Aloenin suppresses peritoneal hypertrophy in large rats and suppresses its release.

In Vitro Aloenin (30 mM) inhibits histamine release from rat peritoneal mast cells^[3].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sun YN, et al. Antioxidant and anti-osteoporotic effects of anthraquinones and related constituents from the aqueous dissolved Aloe exudates. Nat Prod Res. 2017 Dec;31(23):2810-2813.

[2]. Gao B, et al. Active constituents from Aloe arborescens as BACE inhibitors. Yao Xue Xue Bao. 2006 Oct;41(10):1000-3.

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

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