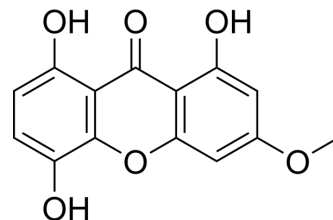


Bellidifolin

Cat. No.:	HY-N2000
CAS No.:	2798-25-6
Molecular Formula:	C ₁₄ H ₁₀ O ₆
Molecular Weight:	274.23
Target:	HIV
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

Bellidifolin is a xanthone isolated from the stems of *Swertia punicea*, with hepatoprotective, hypoglycemic, anti-oxidation, anti-inflammatory and antitumor activities^{[1][2][3]}. Bellidifolin also acts as a viral protein R (Vpr) inhibitor^[4].

REFERENCES

- [1]. Zhao ZY, et al. Protective effects of bellidifolin in hypoxia-induced in pheochromocytoma cells (PC12) and underlying mechanisms. *J Toxicol Environ Health A*. 2017;80(22):1187-1192.
- [2]. Zheng XY, et al. Two xanthones from *Swertia punicea* with hepatoprotective activities in vitro and in vivo. *J Ethnopharmacol*. 2014 May 14;153(3):854-63.
- [3]. Basnet P, et al. Bellidifolin: a potent hypoglycemic agent in streptozotocin (STZ)-induced diabetic rats from *Swertia japonica*. *Planta Med*. 1994 Dec;60(6):507-11.
- [4]. Woo SY, et al. Viral protein R inhibitors from *Swertia chirata* of Myanmar. *J Biosci Bioeng*. 2019 May 7.

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

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