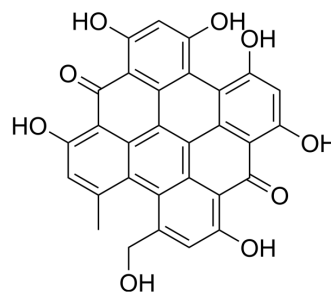


Pseudohypericin

Cat. No.:	HY-N0685
CAS No.:	55954-61-5
Molecular Formula:	C ₃₀ H ₁₆ O ₉
Molecular Weight:	520.44
Target:	HIV
Pathway:	Anti-infection
Storage:	-20°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	Pseudohypericin and its congener Hypericin are the major hydroxylated phenanthroperylene-1,9-diones present in Hypericum species. Pseudohypericin shows anti-HIV activity ^{[1][2]} .
In Vitro	Pseudohypericin shows antiretroviral activity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Lavie G, et al. Studies of the mechanisms of action of the antiretroviral agents hypericin and pseudohypericin. Proc Natl Acad Sci U S A. 1989 Aug;86(15):5963-7.
- [2]. Zheng X, et al. Apoptosis of THP-1 Macrophages Induced by Pseudohypericin-Mediated Sonodynamic Therapy Through the Mitochondria-Caspase Pathway. Cell Physiol Biochem. 2016;38(2):545-57.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA