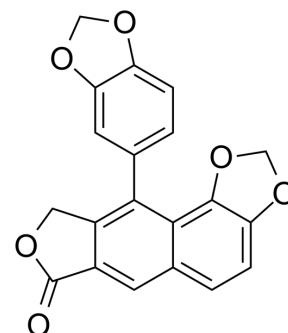


Helioxanthin

Cat. No.:	HY-16678		
CAS No.:	18920-47-3		
Molecular Formula:	C ₂₀ H ₁₂ O ₆		
Molecular Weight:	348.31		
Target:	HBV; HCV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Helioxanthin (ACH126447) has in vitro antiviral activity with an EC₅₀ of 1 µM against HBV and is also active against flaviviruses.

REFERENCES

- [1]. Yeo H, et al. Synthesis and antiviral activity of helioxanthin analogues. J Med Chem. 2005 Jan 27;48(2):534-46.
- [2]. Cheng, Y. C.; Chou, C. K.; Fu, L.; Kuo, Y. H.; Yeh, S. F.; Zhu, J.; Zhu, Y. Inhibition and treatment of hepatitis B virus and flavivirus by helioxanthin and its analogues. U.S. Patent 6306899 B1, 2001.
- [3]. Ying C, et al. Helioxanthin analogue 8-1 inhibits duck hepatitis B virus replication in cell culture. Antivir Chem Chemother. 2010;21(2):97-103.

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

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