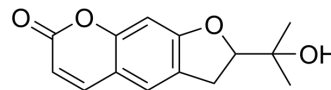


(±)-Marmesin

Cat. No.:	HY-N2176A
CAS No.:	13710-70-8
Molecular Formula:	C ₁₄ H ₁₄ O ₄
Molecular Weight:	246.26
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(±)-Marmesin is a good precursor of the linear furanocoumarins. (±)-Marmesin derivatives have high degree of acetylcholinesterase inhibitory property ^{[1][2]} .
IC ₅₀ & Target	AChE

REFERENCES

- [1]. Austin D J, et al. Furanocoumarin biosynthesis in *Ruta graveolens* cell cultures[J]. *Phytochemistry*, 1973, 12(7): 1657-1667.
- [2]. Rao J M, et al. Pharmaceutical composition useful as acetylcholinesterase inhibitors: U.S. Patent 8,188,143[P]. 2012-5-29.

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