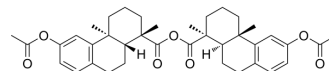


Acetyl podocarpic acid anhydride

Cat. No.:	HY-125772		
CAS No.:	344327-48-6		
Molecular Formula:	C ₃₈ H ₄₆ O ₇		
Molecular Weight:	614.77		
Target:	LXR		
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMF : 1 mg/mL (1.63 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6266 mL	8.1331 mL	16.2662 mL
5 mM	---	---	---
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Acetyl podocarpic acid anhydride is a potent, semisynthetic liver X receptor(LXR) agonist derived from extracts of the mayapple. Acetyl podocarpic acid anhydride has the potential to be useful for the prevention and research of atherosclerosis, especially in the context of low HDL levels^[1].

REFERENCES

[1]. Sparrow CP, et al. A potent synthetic LXR agonist is more effective than cholesterol loading at inducing ABCA1 mRNA and stimulating cholesterol efflux. J Biol Chem. 2002 Mar 22;277(12):10021-7.

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