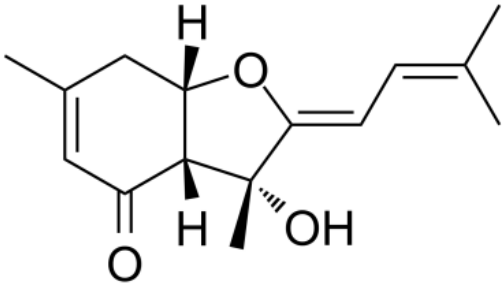
Product Data Sheet

Product Name: Bisabolangelone
Cat. No.: GC35525

Chemical Properties

Cas. No.	30557-81-4		
SMILES	O=C1C=C(C)C[C@@]2([H])[C@]1([H])[C@@](C)(O)/C(O2)=C/C=C(C)\C		
Formula	$C_{15}H_{20}O_3$	M.Wt	248.32
Solubility	DMSO : 100 mg/mL (402.71 mM; Need ultrasonic)	Storage	4°C, protect from light
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

Bisabolangelone, a sesquiterpene derivative, is isolated from the roots of Osterici Radix. Bisabolangelone possesses anti-inflammatory properties, which inhibits LPS-stimulated inflammation through the blocking of NF-kappaB and MAPK pathways in macrophages. Bisabolangelone has anti-ulcer activities[1][2].

[1]. Jung HW, et al. Bisabolangelone isolated from Ostericum koreanum inhibits the production of

inflammatory mediators by down-regulation of NF-kappaB and ERK MAP kinase activity in LPS-stimulated RAW264.7 cells. Int Immunopharmacol. 2010 Feb;10(2):155-62. [2]. Wang J, et al. The anti-ulcer activities of bisabolangelone from Angelica polymorpha. J Ethnopharmacol. 2009 Jun 22;123(2):343-6.