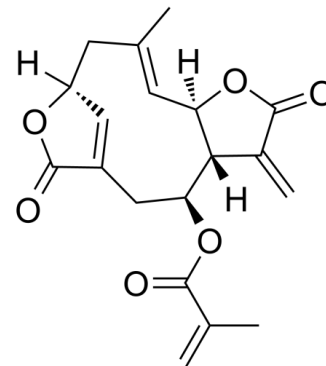


Data Sheet

Product Name:	Scabertopin
Cat. No.:	CS-0016650
CAS No.:	185213-52-9
Molecular Formula:	C ₂₀ H ₂₂ O ₆
Molecular Weight:	358.39
Target:	Others
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Scabertopin, isolated from the whole plant of *Elephantopus scaber*^[1], is a sesquiterpene lactone. Scabertopin has been found to be prominent anticancer constituents^[2].

References:

- [1]. Liang QL, et al. [Structure modification on sesquiterpene lactones from *Elephantopus scaber*]. Yao Xue Xue Bao. 2007 Nov;42(11):1159-61.
- [2]. Hiradeve SM, et al. A review on pharmacology and toxicology of *Elephantopus scaber* Linn. Nat Prod Res. 2014;28(11):819-30.

CAIndexNames:

2-Butenoic acid, 2-methyl-, (3aR,4S,9S,11E,12aR)-2,3,3a,4,5,9,10,12a-octahydro-11-methyl-3-methylene-2,7-dioxo-7H-9,6-methenofuro[2,3-f]oxacycloundecin-4-yl ester, (2Z)-

SMILES:

C/C=C(C)\C(O[C@@H](CC1=C2)[C@]3([H])[C@@](OC(C3=C)=O)([H])/C=C(C)/C[C@]2([H])OC1=O)=O

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

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