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Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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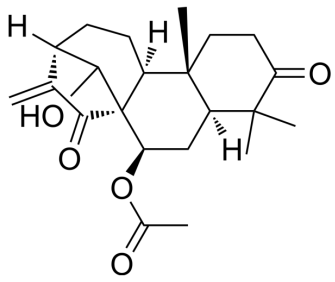
Glaucocalyxin D

Cat. No.:	HY-N7205
CAS No.:	140671-02-9
Molecular Formula:	$C_{22}H_{30}O_5$
Molecular Weight:	374.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Glaucocalyxin D is a ent-kauranoid-type diterpenoid that can be isolated from Rabdosia japonica. Glaucocalyxin D shows cytotoxicity against various human tumor cell lines. Glaucocalyxin D can be used for cancer research[1].
In Vitro	Glaucocalyxin D (0-100 μM; 48 h) has strong cytotoxicity against four human tumor cell lines A549, CCRF-CEM, HCT116 and HL-60[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Cytotoxicity Assay[1]

Cell Line:	A549, CCRF-CEM, HCT116 and HL-60 cell lines
Concentration:	0-100 μM
Incubation Time:	48 hours
Result:	Showed cytotoxicity against A549, HCT116, CCRF-CEM and HL-60 cells with IC_{50} values of 7.7, 6.04, 2.70 and 3 μM, respectively.

REFERENCES

[1]. Liu HC, et al. Monomeric and dimeric ent-kauranoid-type diterpenoids from rabdosia japonica and their cytotoxicity and anti-HBV activities. Fitoterapia. 2017 Apr;118:94-100.

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