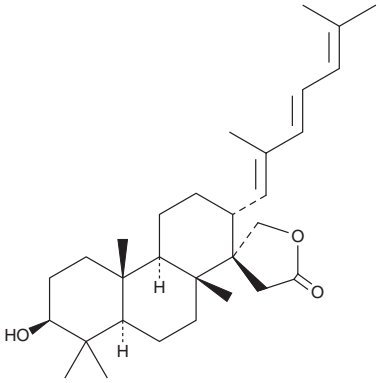
PRODUCT INFORMATION

Ebelin lactone

Item No. 46288

CAS Registry No.:	3649-76-1
Formal Name:	(1′S,2′R,4′aR,4′bR,7′S,8′aR,10′aR)-2′-[(1E,3E)-2,6-dimethyl-1,3,5-heptatrien-1-yl]dodecahydro-7′-hydroxy-4′b,8′,8′,10′a-tetramethyl-spiro[furan-3(2H),1′(2′H)-phenanthren]-5(4H)-one
Synonym:	*trans*-Ebelin lactone
MF:	$C_{30}H_{46}O_3$
FW:	454.7
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years
Item Origin:	Synthetic



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Ebelin lactone is supplied as a solid. A stock solution may be made by dissolving the ebelin lactone in the solvent of choice, which should be purged with an inert gas. Ebelin lactone is slightly soluble (0.1-1 mg/ml) in chloroform.

Description

Ebelin lactone is a carbotricyclic triterpene that has been found in *E. alphitonioides*.[1,2]

References

1. Eade, R.A., Rossler, L.P., Simes, H.V., *et al.* Extractives of Australian timbers. VI. Ebelin lactone. *Aust. J. Chem.* **18(9)**, 1451-1470 (1965).
2. Eade, R.A., Ellis, J., Shannon, J.S., *et al.* Extractives of Australian timbers. X. Autoxidation and other reactions of the conjugated side-chain of eberlin lactone. Isolation of a new isomer of ebelin lactone. *Aust. J. Chem.* **23(10)**, 2085-2094 (1970).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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