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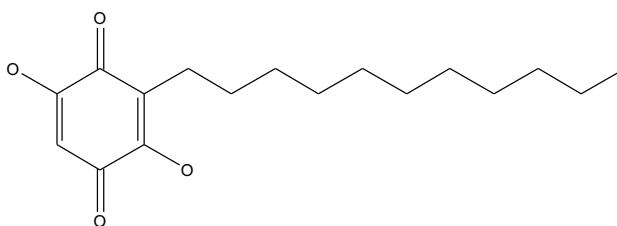
CERTIFICATE OF ANALYSIS

Product name: **Embelin**

Cat. number: **VD-NP-0001** CAS Number: **550-24-3** Lot number: **VDAA-000227** www.vdmbio.com

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₇ H ₂₆ O ₄
MW:	294.4
Purity:	Single spot by TLC
Appearance:	Orange solid
Solubility:	DMSO or MeOH
Storage:	+2°C to +8°C
Synonyms:	Apoptosis Activator III
NMR:	Consistent with structure.

Product Description

A cell-permeable benzoquinone compound that exhibits antitumor properties. Specifically antagonizes XIAP (X-linked inhibitor of apoptosis)-mediated inhibition of caspase-9 activation by directly targeting the Smac and caspase-9 binding domain BIR3

Quality controle department:

This material is chemically synthesized. **Made in USA**

TO BE USED FOR RESEARCH PURPOSES ONLY. NOT FOR DRUG OR CLINICAL USE IN HUMANS OR FOOD ADDITIVE USE