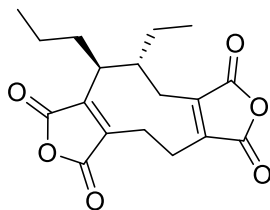


Heveadride

Code No.: **BIA-H2985**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	:	39595-41-0
Molecular Formula	:	C₁₈H₂₀O₆
Molecular Weight	:	332.4
Source	:	<i>Bipolaris</i> sp.
Appearance	:	White solid
Purity	:	>95% by HPLC
Long Term Storage	:	-20°C
Solubility	:	Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Heveadride is a nonadride lactone related to byssochlamic acid, produced by several fungal species, including *Helminthosporium heveae* and *Bipolaris heveae*. Heveadride is active against various filamentous fungi and some human pathogenic yeasts such as *Trichosporon* sp.. Heveadride induces dose-dependent down-regulation of TNF α -induced NF- κ B activity in human chronic myeloid leukemia cells with IC₅₀s of 82 \pm 11 μ M. Heveadride has not been extensively studied.

References

1. Fungal products. Part. IV. The structure of heveadride, a new nonadride from *Helminthosporium heveae*. Crane R.I. et al. J. Chem. Soc., Perkin Trans. 1, 1973, 194.
2. A new nonadride derivative, dihydroepiheveadride, as characteristic antifungal agent against filamentous fungi, isolated from unidentified fungus IFM 52672. Hosoe T. et al. J Antibiot. 2004, 57, 573.
3. Epipolythiodiketopiperazines from the marine derived fungus *Dichotomomyces cejpilii* with NF- κ B inhibitory potential. Orlikova B. et al. Marine Drugs 2015, 13, 4949.