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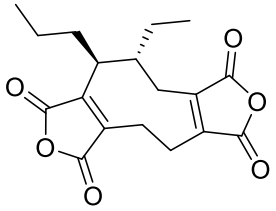
PRODUCT DATA SHEET

Heveadride

Code No.: **BIA-H2985**

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



Synonyms : -

Specifications

CAS #	:	**39595-41-0**
Molecular Formula	:	**$C_{18}H_{20}O_6$**
Molecular Weight	:	**332.4**
Source	:	***Bipolaris* sp.**
Appearance	:	**White solid**
Purity	:	**>95% by HPLC**
Long Term Storage	:	**-20°C**
Solubility	:	**Soluble in methanol, 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.. Heaveadride induces dose-dependent down-regulation of TNFα-induced NF-κB activity in human chronic myeloid leukemia cells with IC50s of 82 ± 11 μM. 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 cejpii with NF-κb inhibitory potential. Orlikova B. et al. Marine Drugs 2015, 13, 4949.

For in vitro laboratory use only. Not for human or animal use.

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