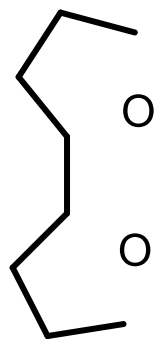


Isolated from a cultured broth of the benthic dinoflagellate *Amphidinium* sp. (HYA024 strain).

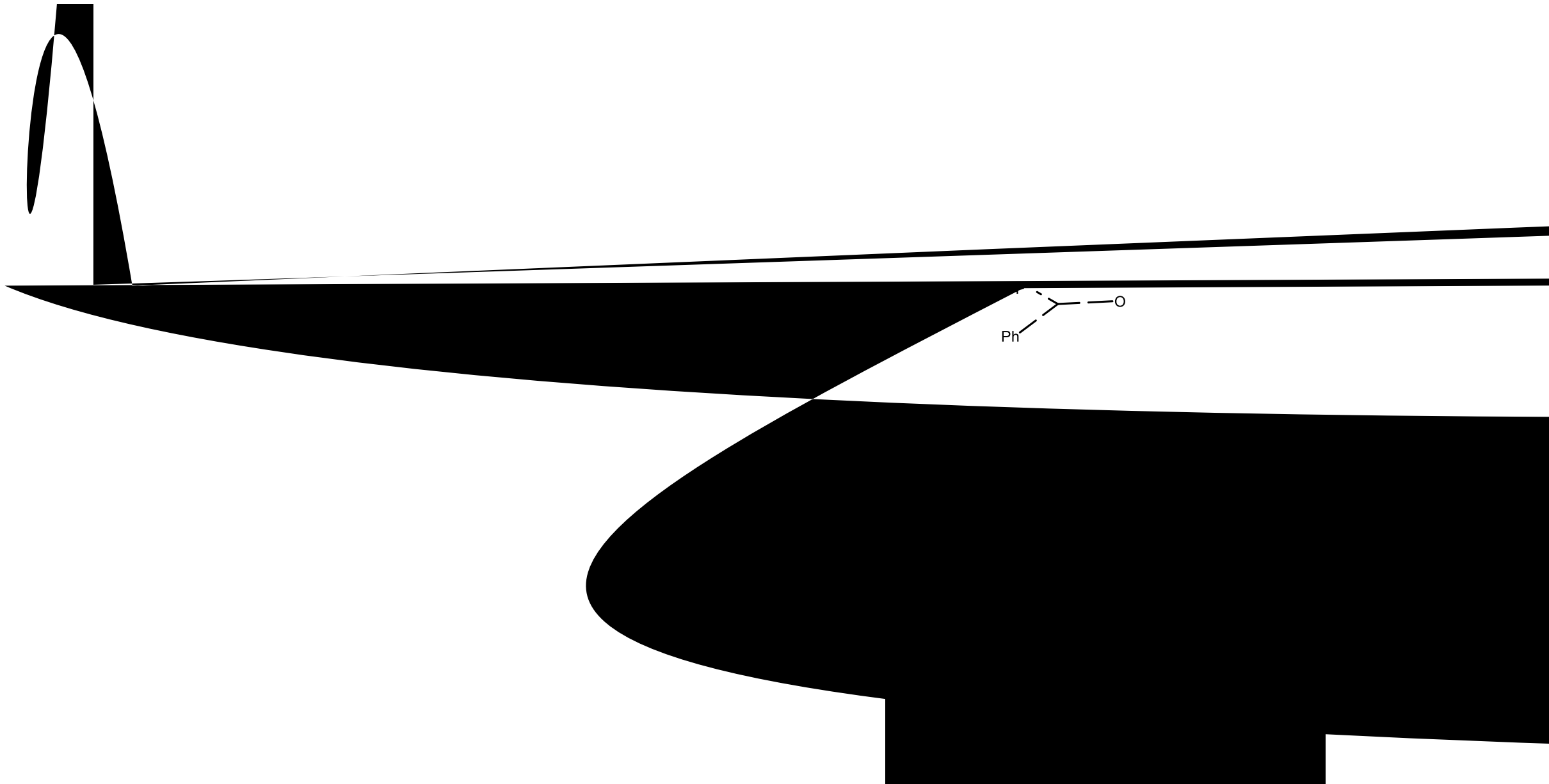
23-membered macrocyclic backbone with a bis(tetrahydrofuran) substructure and a side chain containing four stereogenic centers.

Remarkable in vitro cytotoxicity against human B lymphoma DG75 cells and human cervix adenocarcinoma HeLa cells. In vivo antitumor activity against murine leukemia P388 cells.

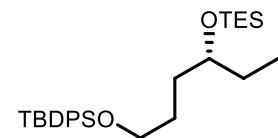


Synthesis of Fragment 1

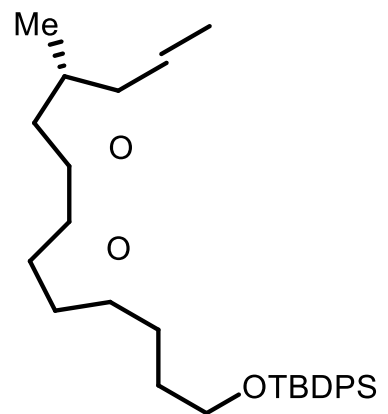
Synthesis of Fragment 1



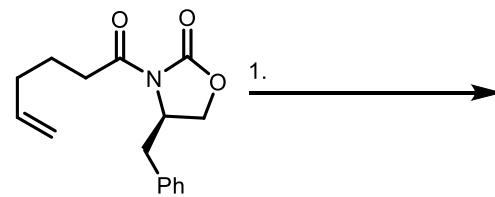
Synthesis of Fragment 1



Synthesis of Fragment 1



Synthesis of Fragment 2



Synthesis of Fragment 3

Mechanism Involved in End Game

