Office of Technology Transfer

Auburn University

Novel Anti-Cancer Agent

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Reference: Anticancer Agent

Inventors

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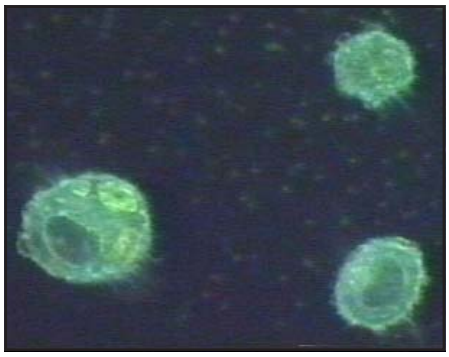
Overview

Auburn University is seeking a licensee or development partner for a novel small molecule cancer compound. This DNA alkylating agent is an analogue of CC-1065/duocarmycin, and has shown antitumor activity with *in vitro* and *in vivo* studies.



Status

- A patent application has been filed
- This compound has passed several stages of testing at the National Cancer Institute, including an *in vitro* anticancer screening system and an *in vivo* murine hollow fiber assay.
- Research is ongoing; latter analogues could add to the specificity of this building block

Reference

- Venkatram, et al. *J. Heterocyclic Chem.*, **42**, 297 (2005)
- This paper covers a related compound

Licensing Opportunities

- This technology is available for exclusive/non-exclusive licensing or an option period
- Joint development opportunities include funded research, work on additional chemistry, animal/clinical studies, or a joint venture

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