

Title (en)  
COMPOSITION AND METHOD FOR ORAL TREATMENT OF LEUKEMIA

Title (de)  
ZUSAMMENSETZUNG UND VERFAHREN ZUR ORALEN BEHANDLUNG VON LEUKÄMIE

Title (fr)  
COMPOSITION ET MÉTHODE DE TRAITEMENT ORAL DE LA LEUCÉMIE

Publication  
**EP 4117668 A4 20231206 (EN)**

Application  
**EP 21935450 A 20210416**

Priority  
US 2021027702 W 20210416

Abstract (en)  
[origin: WO2022220841A1] A method of treating a mammalian subject having hematologic, non-tumorous cancer cells is disclosed. The method comprises the steps of: (A) administering to such a mammalian subject a therapeutically effective amount of a halogenated xanthene, a pharmaceutically acceptable salt or a C1-C4 alkyl ester thereof as a first cancer cytotoxic agent dissolved or dispersed in a pharmaceutically acceptable aqueous medium. The mammalian subject is maintained for a period of time sufficient to induce death of hematologic, non-tumorous cancer cells. A contemplated administration is typically repeated. A contemplated treatment method can also be carried out in conjunction with administration to said mammalian subject of a second therapeutically effective amount of a second, differently-acting cancer cytotoxic agent dissolved or dispersed in a pharmaceutically acceptable medium. The second cancer cytotoxic agent can be a small molecule or an intact antibody or paratope-containing portion thereof.

IPC 8 full level  
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Citation (search report)  
• [X] KR 20070022308 A 20070226  
• [A] US 2019350893 A1 20191121 - SINGER JAMIE [US], et al  
• [A] WO 0205812 A1 20020124 - PHOTOGEN INC [US]  
• [I] SWIFT LUCY ET AL: "In Vitro Activity and Target Modulation of PV-10 Against Relapsed and Refractory Pediatric Leukemia", BLOOD, AMERICAN SOCIETY OF HEMATOLOGY, US, vol. 132, 29 November 2018 (2018-11-29), pages 5207, XP086592718, ISSN: 0006-4971, DOI: 10.1182/BLOOD-2018-99-119438  
• See also references of WO 2022220841A1

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