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(54) **COMPOSITIONS AND METHODS FOR TARGETING A VIRAL INFECTION**

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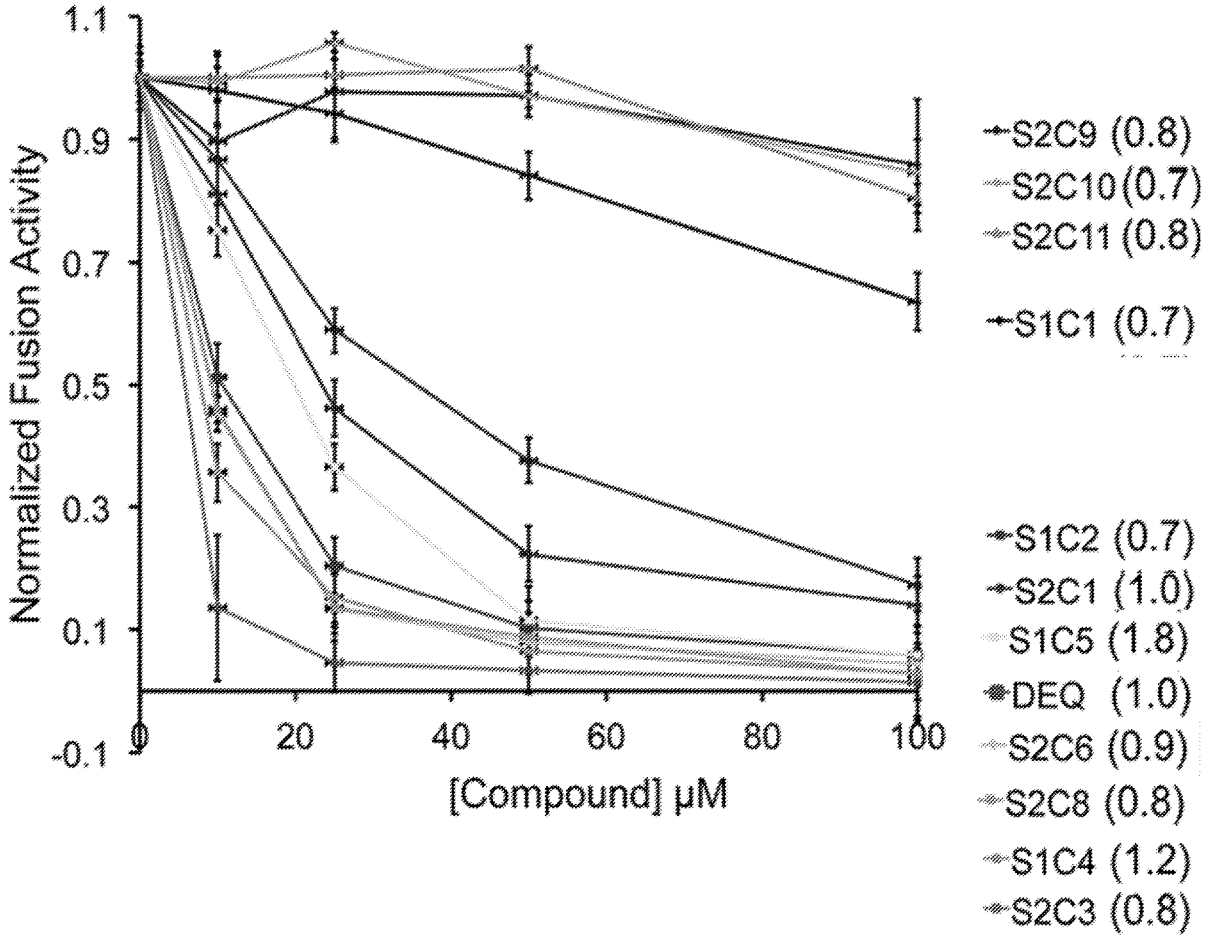
(57) **ABSTRACT**

Described herein are compounds that inhibits the membrane proximal external region (MPER) of a viral envelope (Env), as well as and compositions thereof. Further provided herein are methods for treating or preventing a viral infection comprises administering to a subject in need thereof an agent or compound that inhibits the MPER of a viral Env. In certain embodiments, the viral infection is an HIV infection.