عنوان فارسی مقاله:
تالیدومید دی تیوکاربامات و مشتقات دی تیوات باعث اپوپتوزیز از طریق مهار هیستون داستیلاز و القای کاسپازها می شود

عنوان انگلیسی مقاله:
Thalidomide dithiocarbamate and dithioate derivatives induce apoptosis through inhibition of histone deacetylases and induction of caspases

توجه!
این فایل تنها قسمتی از ترجمه می باشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
2.5. Histone deacetylase activity

The activity of HDAC was measured in Hep-G2 cells, using a colorimetric assay kit (BioVision, Mountain View, kit No. K331-100). Cells were treated with 30% of IC50 of each compound for 24 h. The procedure involves the use of the HDAC colorimetric substrate (Boc-Lys(Ac)-pNA), which comprises an acetylated lysine side chain and is incubated with a sample containing nuclear extract. Deactivation sensitizes the substrate, and treatment with the lysine developer produces a chromophore, which can be analyzed using a colorimetric plate reader. HeLa cell nuclear extract was used as a positive control. A standard curve was prepared using the known amount of the deacetylated standard (Boc-Lys-pNA) included in the kit [13]. A similar volume of control sample was added to 100 ng/ml tri-chostatin A (TSA), as a known inhibitor of HDAC activity.