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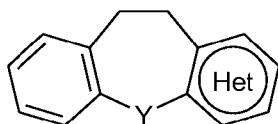
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61/766,387 19 February 2013 (19.02.2013) US(71) Applicant: **ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI** [US/US]; One Gustave L. Levy Place, New York, New York 10029 (US).(72) Inventors: **OHLMEYER, Michael**; 6 Beechtree Lane, Plainsboro, New Jersey 08536 (US). **KASTRINSKY, David**; 15-11 Landzettel Way, Fair Lawn, New Jersey 07410 (US).(74) Agent: **HANSEN, Philip E.**; Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, New York 32700 (US).(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,

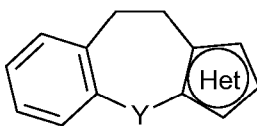
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(54) Title: TRICYCLIC HETEROCYCLES AS ANTICANCER AGENTS

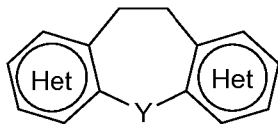
(i)



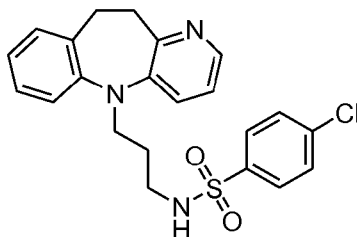
(ii)



(iii)



(iv)



(57) Abstract: Tricyclic chemical modulators of FOXO transcription factor proteins are disclosed. The compounds are useful to treat cancer, age-onset proteotoxicity, stress-induced depression, inflammation, and acne. The compounds are of the following and similar genera (i), (ii) and (iii), in which Het is an aromatic heterocyclic ring and Y is a point of attachment of various side chains and rings. An example of such a compound is 4-chloro-N-(3-(10,11-dihydro-5H-benzo[b]pyrido[2,3-f]azepin-5-yl)propyl)benzenesulfonamide (iv).

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