Abstract: This invention pertains generally to the field of phenothiazine compounds, and more particularly to certain stably reduced phenothiazine compounds, specifically, certain 3,7-diamino-10H-phenothiazine (DAFPT) compounds of the following formula wherein each of R and R' is independently selected from: -H; C₆H₅alkyl; C₆H₅alkenyl; and halogenated C₆H₅alkyl; each of R' and R'R'' is independently selected from: -H; C₆H₅alkyl; C₆H₅alkenyl; and halogenated C₆H₅alkyl; each of R' and R'R'' is independently selected from: -H; C₆H₅alkyl; C₆H₅alkenyl; and halogenated C₆H₅alkyl; each of HX' and HX'' is independently a protic acid; and pharmaceutically acceptable salts, solvates, and hydrates thereof. These compounds are useful as drugs, for example, in the treatment of taupathies, such as Alzheimer's disease, and also as prodrugs for the corresponding oxidized thioninium drugs (for example, methythioninium chloride, MTC).