

## <sup>230</sup>Ac

Chayawattanangkur et al. reported the discovery of <sup>230</sup>Ac in the 1973 paper “Heavy isotopes of actinium: <sup>229</sup>Ac, <sup>230</sup>Ac, <sup>231</sup>Ac and <sup>232</sup>Ac” (1973Ch24). <sup>232</sup>Th was irradiated with 150 MeV bremsstrahlung  $\gamma$  rays from the Mainz electron linear accelerator. Beta- and gamma-ray spectra were measured with a stilbene crystal a Ge(Li) diode, respectively, following chemical separation. “For <sup>230</sup>Ac a half-life of  $80\pm 10$  sec and  $\gamma$ -rays of 454.5(100) and 508.1 keV (58) were obtained.”

Adapted from reference (2013Fr03)

1973Ch24 K. Chayawattanangkur, G. Herrmann, and N. Trautmann, J. Inorg. Nucl. Chem. **35**, 3061 (1973).

2013Fr03 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 345 (2013).

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