

¹⁶⁸Dy

In the 1982 paper “Identification of a new isotope, ¹⁶⁸Dy” Gehrke et al. described the discovery of ¹⁶⁸Dy at the Idaho National Engineering Laboratory in Idaho Falls ([1982Ge04](#)). Fission products from spontaneous fission of ²⁵²Cf were chemically separated and multiscaled γ -ray spectra were measured with a Ge(Li) detector. “A previously unreported nuclide, ¹⁶⁸Dy, has been identified and found to have a half-life of 8.5 ± 0.5 min.”

Adapted from reference ([2013Fr10](#))

[1982Ge04](#) R. J. Gehrke, R. C. Greenwood, J. D. Baker, and D. H. Meikrantz, *Z. Phys. A* **306**, 363 (1982).

[2013Fr10](#) C. Fry and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 520 (2013).

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”