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Crystals of L-asparaginase from Escherichia coli B. Partially purified L-asparaginase has demonstrable antileukemic activity in animals and man. Crystals of this enzyme, prepared by a simple and efficient process, were effective in experimental tumor systems without adverse side effects (about × 1300). See page 510. [Peter P. K. Ho, Lilly Research Laboratories, Eli Lilly and Company, Indianapolis, Indiana]