

Company description & Contact info

Official company description

Variational AI is a venture-backed generative AI drug discovery company based in Vancouver, Canada. Founded by machine learning researchers from MIT, Caltech, Google Research, Microsoft Research, and D-Wave Quantum, its proprietary Enki™ platform uses state-of-the-art generative AI models to design novel, optimized small molecules with improved probability of success, thereby accelerating the discovery and development of transformative therapeutics. For more information, please visit www.variational.ai.

Official Enki™ description

Enki™ is a proprietary generative AI foundation model purpose-built for small-molecule drug discovery. Trained directly on molecular structures and properties from curated experimental and computational data across 700+ drug targets, Enki™ generates novel, drug-like compounds optimized for defined Target Product Profiles, including potency, selectivity, ADMET, and synthetic feasibility. From identifying novel hits to optimizing leads, Enki™ enables the efficient exploration and refinement of small molecules at every key stage prior to preclinical development.

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