

Erica M. D'Amato, PhD

Associate



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Practice Areas

Life Sciences
Intellectual Property Protection

Education

Suffolk University Law School
JD (2024), *cum laude*

Harvard University
PhD (2017) Chemistry

Boston University
BA (2012) Chemistry, *summa cum laude*

Admissions

Massachusetts
U.S. Patent & Trademark Office

Dr. Erica D'Amato leverages her extensive background in organic and organometallic chemistry to secure patent protection for clients in the areas of chemistry, pharmaceuticals, and biotechnology. She works with clients developing small molecule therapeutics and other pharmaceutical products to provide creative IP solutions for achieving their business goals.

Erica focuses her practice on strategic creation and management of patent portfolios worldwide. She also performs IP due diligence assessments, as well as freedom-to-operate, patentability, landscape, and competitive surveillance analyses.

Industry Experience

Erica earned her Ph.D. from Harvard University, working on the development of novel methods for the synthesis of small organic molecules. Her research investigated the use of organometallic complexes to activate and functionalize inert bonds.

Representative Engagements

- Drafts and prosecutes patent applications for clients in the pharmaceutical and biotech industries, including those relating to small molecule therapeutics, drug formulations, polymorphs, dosing regimens, patient stratification, and methods of treatment.
- Assists clinical-stage companies with strategic patent portfolio management for lead assets.
- Supports clients on both sides of diligence projects by assessing patent portfolios and landscape of third-party intellectual property.
- Conducts competitive surveillance and pre-litigation analyses for clients.

Publications and Presentations

- "Aromatic C-H Amination in Hexafluoroisopropanol," *co-author, Chemical Science*, 2019
- "18F-Deoxyfluorination of Phenols via Ru π -Complexes," *co-author, ACS Central Science*, 2017
- "Selective Aromatic C-H Hydroxylation Enabled by η^6 -Coordination to Iridium (III)," *co-author, Organometallics*, 2015
- "Engaging Unactivated Alkyl, Alkenyl, and Aryl Iodides in Visible-Light-Mediated Free Radical Reactions," *co-author, Nature Chemistry*, 2012