

## Dr. Yin Y. Nelson

Patent Agent

---

ynelson@cooley.com

Intellectual Property  
Patent Counseling and Prosecution  
Life Sciences and Healthcare

+1 202 776 2088

Washington, DC

---

Yin's practice focuses on the preparation and prosecution of domestic and foreign patent applications. Her experience covers a wide array of technical areas – including pharmaceuticals (small molecules, peptides and drug formulations), organic synthesis, polymers, biomaterials and food products. In addition to her prosecution practice, Yin also has experience conducting patentability and freedom-to-operate analyses, as well as providing litigation support.

Yin obtained her doctoral degree in chemistry at Dartmouth College in Hanover, New Hampshire. There, she synthesized solid-state fluorophores and light-activated Azo-type complexes, evaluated their photophysical properties and conducted quantitative crystallographic analysis. After graduate school, Yin worked as a postdoctoral fellow at the American Dental Association (ADA) Foundation to develop dental resin composites, antimicrobials and anti-biofilm agents for oral applications. Yin has published as a leading author in many high-impact scientific journals – including the Journal of the American Chemical Society (JACS), Chemical Science and ACS Applied Materials & Interfaces. She also is a named co-inventor on two patents that resulted from her research.

Before joining Cooley, Yin worked as a patent agent at a large multinational firm, as well as at an intellectual property boutique firm in northern Virginia.

### Education

Dartmouth College PhD, Chemistry, 2015

East China University of Science and Technology B. Eng., Pharmaceutical Engineering, 2008

### Admissions & Credentials

US Patent and Trademark Office (USPTO)

### Memberships & Affiliations

American Chemical Society

