



# R&D Services Powered by SmartID®

## Accelerate Your R&D with Our Proprietary Enzyme-Responsive Fluorescent Technology

At Molsid, we invite partners in **healthcare, in vitro diagnostics, food safety, enzyme engineering or in vivo imaging** to collaborate with us in leveraging the full potential of our patented SmartID® technology platform: a next-generation tool for detecting enzymatic activity with unmatched sensitivity and speed.



### What is SmartID®

SmartID® is a cutting-edge platform based on enzyme-activated fluorescent biotracers that light up precisely at the site of enzymatic activity – no signal dilution, no false positives.

- Protected by 5 patents.
- Off/On mechanism: zero background noise, instant fluorescence on detection.
- Ultra-high signal-to-noise ratio (>1000:1).
- Works under physiological conditions.
- No secondary reagents needed.
- High sensitivity without complex equipment.

### Why Partner With Molsid

- Proven technology platform
- Access to cutting-edge chemistry and biology expertise
- Over 25 years' experience in the development of organic fluorogenic substrates.
- Fast project turnaround for industrial and clinical partners.



### What We Offer

#### Custom R&D Services

Whether you aim to:

- Quickly detect bacterial pathogens
- Monitor enzymatic markers
- Validate food safety assays
- Or develop novel enzyme-detection applications

...our scientific team can tailor SmartID®-based solutions to meet your unique challenges.

#### Our Expertise

Our value lies in our unique chemical know-how: from probe design to scale-up manufacturing. With an expanding portfolio of operational probes, we bring flexibility, precision, and impact to your innovation pipeline.

