

## ReZolve Products Comparative Table

Properties	ReZolve-L1	IraZolve-Mito	ReZolve-ER	IraZolve-L1	ReZolve-Alkyne
Localisation	Polar lipids	Mitochondria	Endoplasmic reticulum	Lipid droplets, endoplasmic reticulum	User defined luminescent tag
Colour	Yellow	Red	Orange	Red	Orange
Resistance to photobleaching	High	High	High	High	High
Cytotoxicity	Low	Low	Low	Low	Low
Ex / Em	UV or 450nm/550nm	405nm/600nm	UV or 405nm/570nm	405nm/600nm	UV or 405nm/570nm
Use in					
Live cells & tissues	✓	✓	✓	✓	✓
Fixed cells & tissues	✓	Fixed tissue	✓	✓	✓
Fast cellular uptake	✓	✓	✓	✓	✓
Solubility: DMSO	✓	✓	✓	✓	✓
Equipment					
Fluorescence Microscopy	✓	✓	✓	✓	✓
Multiphoton Microscopy	✓	✓	✓	✓	✓
Raman Spectroscopy	✓	✗	✓	✗	✓
Infrared Spectroscopy	✓	✗	✓	✗	✓
Storage & Transport	Room temp	Room temp (4°C post reconstitution)	Room temp	Room temp	Room temp