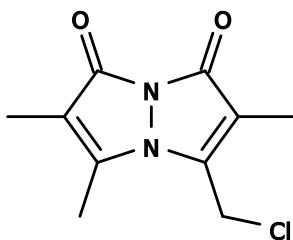


mBCI [Monochlorobimane] *CAS 76421-73-3*Catalog Number: 635
Unit Size: 10 mg**Product Details**

Storage Conditions	Freeze (< -15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid yellow
Molecular Weight	226.66
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**

Excitation Wavelength	389 nm
Emission Wavelength	483 nm

Applications

Monochloromobimane (mBCI) is essentially nonfluorescent until reacted with a thiol group. It readily reacts with several low molecular weight thiols, including cysteine, glutathione, N-acetylcysteine, mercaptopurine, peptides and plasma thiols. The glutathione conjugate of mBCI has absorption/emission maxima ~394/490 nm.