

Product Information Sheet

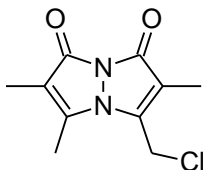
Ordering Information

Product Number: 635
Product Name: mBCl [Monochlorobimane] *UltraPure Grade*
Unit Size: 10mg
Storage Conditions: <-15 °C and kept from light and moisture
Expiration Date: 12 months upon receiving

Chemical, Physical and Spectral Properties

Molecular Weight: 226.66

Chemical Structure:



Appearance: Yellow Solid
Soluble in: DMF or DMSO
Excitation Wavelength: 394nm
Emission Wavelength: 490nm

Application Notes

Monochlorobimane (mBCl) 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 mBCl has absorption/emission maxima ~394/490 nm.