

Certificate of Analysis						
Name:	mBCI Monochlorobimane					
Catalog Number:	6063	Lot: 51102				
CAS Number:	76421-73-3	Formula:		C <sub>10</sub> H <sub>11</sub>	$C_{10}H_{11}CIN_2O_2$	
Molecular Weight:	226.66 (g/mol)					
	Observed		Standard	d		
HPLC Purity	98% at 254 nm	≥ 95% at		254 nm		
Absorption (Methanol)						
Wavelength (λ <sub>max</sub> )	379 nm		380 ± 3 nm			
Extinction	6,100 cm <sup>-1</sup> M <sup>-1</sup>		6,200 ± 600 cm <sup>-1</sup> M <sup>-1</sup>			
TLC Purity	TLC Purity: > 99%		≥ 95%			
TLC System	90:10 Chloroform/Met	nanol				
Storage:	Freeze: Store at -5 to -30°C ( <b>F</b> ), Protect from moisture ( <b>D</b> ), Protect from light ( <b>L</b> )			( <b>D</b> ), Protect		
Production Lot: 15	Release:	16-Feb-201	I7 Exp	oiration:	16-Feb-2027	
Structure:	L <sub>N</sub> -4	H₃ I				

This data reflects the accuracy of the analysis of the subject lot For research use only. Not for human use. No animal source. This material is chemically synthesized and manufactured in the USA

**Date:** 16-Feb-2017

Approved by: Dianna M Wineinger

**Analytical Services Manager** 

Signature: