

Certificate of Analysis							
Name	Rhod-2	Rhod-2, AM *Cell Permeant*					
Catalog Number	7183		Lot: 51410				
CAS Number	12978	7-64-0	Formula: C <sub>52</sub> H		C <sub>52</sub> H <sub>59</sub>	BrN <sub>4</sub> O <sub>19</sub>	
Molecular Weight	1123.9	6 (g/mol)					
	Obser	Observed		Standard			
HPLC Purity	88% at 254 nm		≥ 80% at 254 nm				
Absorption (9:1 Chloroform / Methanol)							
Wavelength ( $\lambda_{max}$ )	: 551 nr	551 nm			550 ± 3 nm		
Extinction	: 97,200	97,200 cm <sup>-1</sup> M <sup>-1</sup>			110,000 ± 15,000 cm <sup>-1</sup> M <sup>-1</sup>		
TLC Purity	: > 98%	> 98%			≥ 85%		
TLC System	: 80:20	80:20 Chloroform / Methanol					
Storage	Freeze	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)					
Production Lot: 14	474	Release:	06-Jan-20 <sup>-</sup>	17 Exp	oiration:	06-Jan-2027	
Structure: $ \begin{array}{c}                                     $							

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

Approved by:	Dianna M Wineinger	Date:	06-Jan-2017
	Analytical Services Manager		
Signature:	Dianna M Wineinger	~	