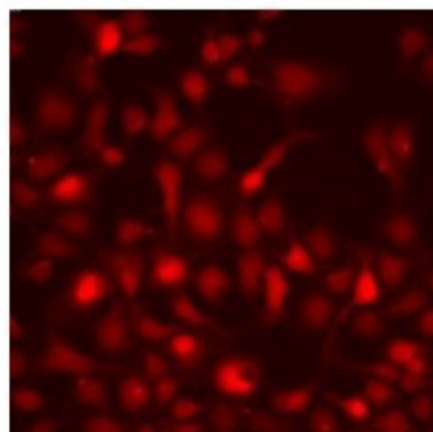


Product Specifications

Catalog Number: 1091C | 1091F



ICR-1 AM



Description	
CAS number	N/A
PubChem CID	N/A
Molecular Weight	1190.49 g/mol
Solubility	DMSO
K_d for Ca^{2+}	480 nM

Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	Ethyl Acetate
Absorbance max	474 ± 3 nm

1H NMR Spectrum	Bruker Avance 400
Solvent	Deuterated chloroform
Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.	

LCMS	Agilent 1220 Infinity II
Column	Agilent Infinity Lab Poroshell 120 ECC18, 30 x 50 mm, 2.7 μ m C_{18}
UV-Vis Diode Array Detector	254 nm
Purity	≥ 90%
Single Quad MS Detector	ESI positive
Molecular Ion	1191.49 ± 0.5 amu (MH^+), 1213.49 ± 0.5 amu (MNa^+)

Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	Methanol (after hydrolysis)
Excitation max	580 ± 3 nm
Emission max	660 ± 3 nm

TLC	SiO_2 on Al backing with F_{254}
Solvent	3:1 Chloroform/ Ethyl Acetate
R_f	0.3