

Catalog Number C10094
Product Name CellTracker™ Violet BMQC (2,3,6,7-tetrahydro-9-bromomethyl-1*H*,5*H*-quinolizino(9,1-*gh*)coumarin)
Molecular Formula C₁₆H₁₆BrNO₂
Molecular Weight 334.21
Appearance orange solid
Lot Number 1866822

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	415 nm 16900 cm ⁻¹ M ⁻¹	412 ± 3 nm 16000 ± 1100 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	492 nm	490 ± 4 nm
HPLC Purity	93 % at 254 nm	≥ 90 % at 254 nm
HPLC ² Result	meets specification	corresponds to expected molecular weight
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1843486	n.a.

1. Solvent: Methanol.

2. Method: Standard LCMS.

Rachel Smith, Ph.D., Quality Assurance

13-Jan-2017

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.