

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 brown solid
Lot Number 1387182

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	414 nm 16100 cm ⁻¹ M ⁻¹	412 ± 3 nm 16000 ± 1100 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	494 nm	490 ± 4 nm
HPLC Purity	97 % 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	1354786	n.a.

1. Solvent: Methanol.

2. Method: Standard LCMS.

Betty Wood

Betty Wood, Quality Assurance Manager

09-Apr-2013

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.