

Catalog Number D1168
Product Name dihydroethidium (hydroethidine)
Appearance pink solid
Lot Number 2176895

	LOT DATA	SPECIFICATION
Absorption¹ Maximum Extinction	355 nm 14000 cm ⁻¹ M ⁻¹	355 ± 3 nm 14000 ± 1000 cm ⁻¹ M ⁻¹
Fluorescence^{2,3,1} Background	145 ppm	≤3000 ppm
HPLC Purity	99 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1872180	n.a.

1. Solvent: Acetonitrile

2. Ref: ethidium bromide, Ex @ 510 nm, Em @ 615 nm.

3. Method: Background vs. Reference



Rachel Smith, Quality Assurance Manager
 5-Mar-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.