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CERTIFICATE OF ANALYSIS

Catalog Number C010
Product Name ethidium homodimer-1 (EthD-1)
CAS Number 61926-22-5
Molecular Formula $C_{46}H_{50}Cl_4N_8$
Molecular Weight 856.77
Appearance red solid
Lot Number

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	496 nm 9300 $cm^{-1}M^{-1}$	494 \pm 4 nm 9000 \pm 700 $cm^{-1}M^{-1}$
Fluorescence ¹ Emission Maximum	630 nm	630 \pm 4 nm
HPLC Purity	95 % at 254 nm	\geq 90 % at 254 nm
NMR Result	meets specification	consistent with structure

1. Solvent: H_2O .