

# Duramycin-LC-Fluorescein Conjugate

Cat # D-1001

**Product Description:** Fluorescein is attached to amino groups of duramycin via a 6-carbon aminohexanoyl spacer. The conjugate contains 1 fluorescein molecule per duramycin molecule. Duramycin binds phosphatidylethanolamine (PE) at a 1:1 ratio with high affinity ( $K_d$  of 4-6 nM) and exclusive specificity.

**Properties of Duramycin-LC-Fluorescein:** The structure and physical properties of the conjugate are shown in Fig 1 and Table 1 below.

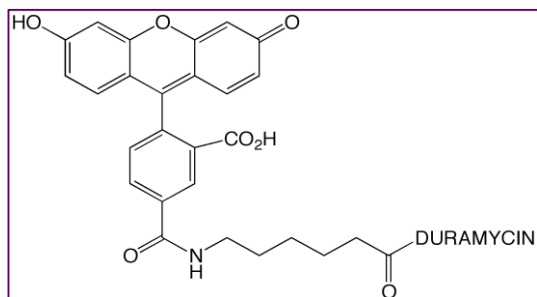


Fig 1: Chemical structure

Property	Specification
MW	2,484
FL: Ex max, Em max	495nm; 517nm
Appearance	Orange solid

Table 1: Properties

Catalog #	Product Name	Size/Dose	Price (USD)
D-1001	Duramycin-LC-Fluorescein	50nmoles/125ugrams	\$238.00

**Product Formulation Procedure:** Add 200uL of a solution of 5% DMSO in water to the vial and pipet up and down to dissolve the solid and obtain a 250uM stock solution in water containing 5% DMSO.

For further information or to place an order please contact Dr. Brian Gray by email: [briangray@mtarget.com](mailto:briangray@mtarget.com) or phone: 610-738-7938



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