

Duramycin-Cy5 Fluorescent Conjugate

Cat # D-1002

Product Description: A Cy5 dye is attached to amino groups of duramycin. The conjugate contains 1 Cy5 dye 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-Cy5 Conjugate: The structure and physical properties of the conjugate are shown in Fig 1 and Table 1 below.

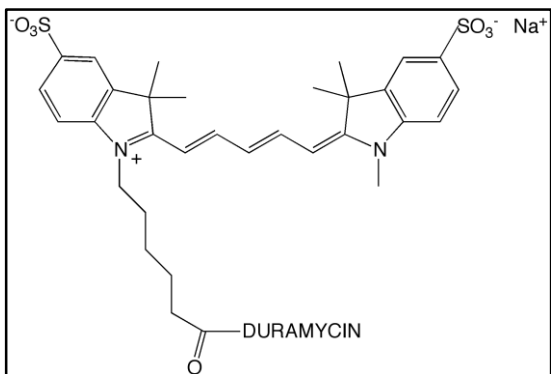


Fig 1: Chemical structure

Property	Specification
MW	2,638
FL: Ex max, Em max	646nm; 664nm
Appearance	Blue solid

Table 1: Properties

Catalog #	Product Name	Size/Dose	Price (USD)
D-1002	Duramycin-Cy5	50nmoles/132ugrams	\$200.00

Product Formulation Procedure: Add 200uL of a solution of 1% DMSO in water to the vial and pipet up and down to dissolve the solid and obtain a 250uM stock solution in water containing 1% DMSO.

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



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