

Duramycin-Cy3 Fluorescent Conjugate

Cat # D-1006

Product Description: A Cy3 dye is attached to amino groups of duramycin. The conjugate contains 1 Cy3 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-Cy3 Conjugate: The structure and physical properties of the conjugate are shown in Fig 1 and Table 1 below.

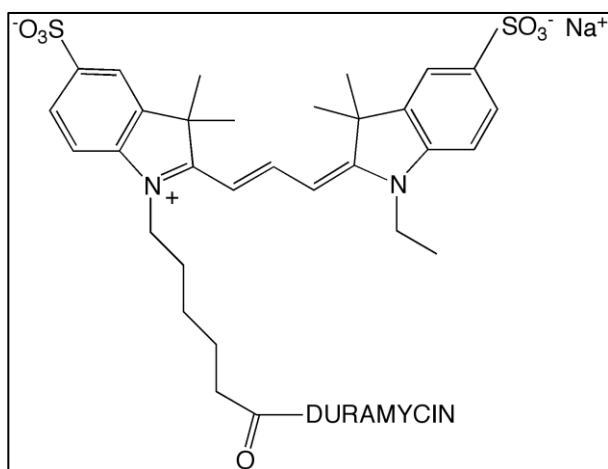


Fig 1: Chemical structure

Property	Specification
MW	2,628
FL: Ex max, Em max	550nm; 570nm
Appearance	Red solid

Table 1: Properties

Catalog #	Product Name	Size/Dose	Price (USD)
D-1006	Duramycin-Cy3	50nmoles/132ugrams	\$238.00

Product Formulation Procedure: Add 100uL of water to the vial and pipet up and down to dissolve the solid and obtain a 500uM stock solution.

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



MOLECULAR TARGETING TECHNOLOGIES, INC.

833 Lincoln Ave., Unit 9
West Chester, PA 19380
P: 610.738.7938 F: 610.738.7928
Contact us: info@mtarget.com; www.mtarget.com

Version 1: 17 Sep 2016