
CY2

产品编号: D60121

CAS: 260430-02-2

分子式: C₂₅H₂₆N₂O₄

纯度: 98%

外观: 固体粉末

作用靶点: Fluorescent Dye

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Cyanines are formally compounds with two nitrogen atoms linked by an odd number of methene units. 26 28 The nitrogen atoms are parts of the heterocyclic units (such as indole, benzoxazol, or benzothiazol) . The structures and optical properties of representative cyanine dyes used for in vivo imaging are presented. Cyanines are characterized by long wavelength, tunable absorption and emission, very high extinction coefficient (up to 300,000 M⁻¹ cm⁻¹), good water solubility, and relatively straightforward synthesis. Storage: protect from light.