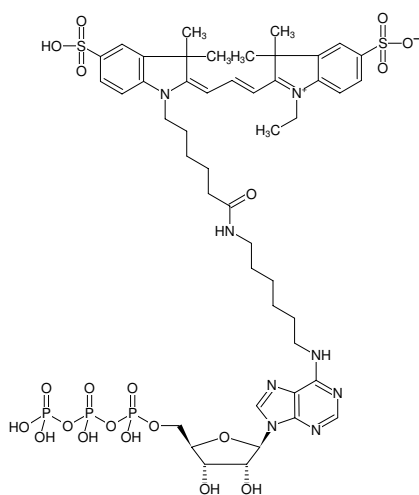




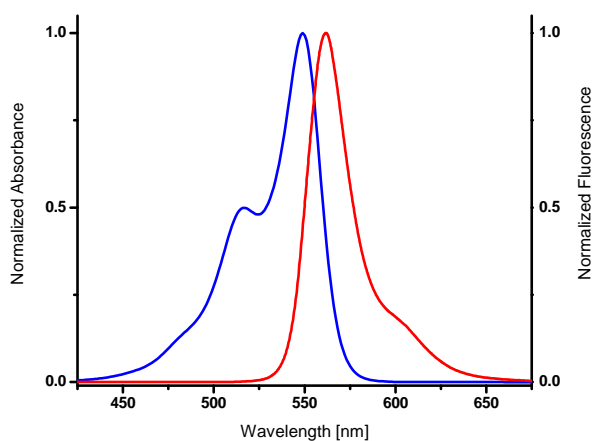
## N<sup>6</sup>-(6-Aminoheptyl)-ATP-Cy3

N<sup>6</sup>-(6-Aminoheptyl)-adenosine-5'-triphosphate, labeled with Cy3, Triethylammonium salt

Cat. No.	Amount
NU-805-CY3	40 µl (1 mM)



Structural formula of N<sup>6</sup>-(6-Aminoheptyl)-ATP-Cy3



excitation and emission spectrum of Cy3

**For general laboratory use.**

**Shipping:** shipped on gel packs

**Storage Conditions:** store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

**Shelf Life:** 12 months after date of delivery

**Molecular Formula:** C<sub>47</sub>H<sub>65</sub>N<sub>8</sub>O<sub>20</sub>P<sub>3</sub>S<sub>2</sub> (free acid)

**Molecular Weight:** 1219.11 g/mol (free acid)

**Exact Mass:** 1218.30 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solution in water

**Color:** pink

**Concentration:** 1.0 mM - 1.1 mM

**pH:** 7.5 ± 0.5

**Spectroscopic Properties:** λ<sub>exc</sub> 550 nm, λ<sub>em</sub> 570 nm, ε 150.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)

**Applications:**

Single molecule measurements<sup>[1]</sup>

**Specific Ligands:**

Myosin V<sup>[1]</sup>

**Selected References:**

[1] Komori *et al.* (2008) Measurement system for simultaneous observation of myosin V chemical and mechanical events. *BioSystems* **93**:48.