

Product number: K8-1649
Product name: SQ740-mono-NHS

General Data

- Molecular Mass:** 723.80
Solubility: Water, Alcohol, DMF, DMSO
Insoluble: Chloroform, Toluene
Storage: Store out of light, desiccated and refrigerate

Description

"Dark acceptor" for FRET-based systems with Cy5TM, Cy5.5TM, Cy7TM, and Alexa 680TM

Amine-reactive quencher containing one reactive NHS-ester group for labeling of molecular beacons, linear probes, and amino-modified oligos

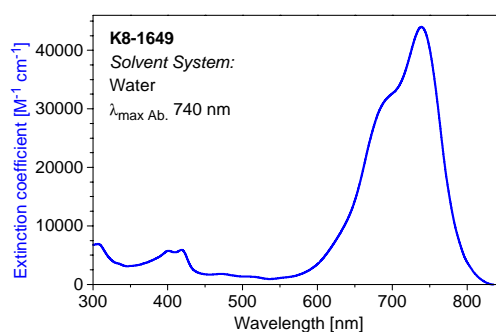
Applications

- Hybridization Assays
- Real-time PCR
- SNPs detection

Advantages

- pH-insensitive between pH 3 and pH 10
- Highly water-soluble; label does not alter the solubility of bioconjugates
- True dark quenchers — no residual fluorescence

Spectral Data



Absorption spectrum of **K8-1649** in water