

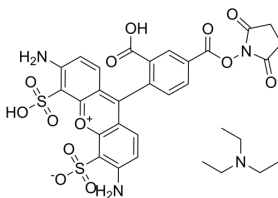
## AF488 NHS ester (TEA)

Cat. No.: HY-D1730A  
Batch No.: 410056  
Chemical Name: Xanthylum, 3,6-diamino-9-[2-carboxy-4-[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]phenyl]-4,5-disulfo-, inner salt (TEA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{31}H_{32}N_4O_{13}S_2$   
Molecular Weight: 732.73  
Storage: 4°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Orange to red (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (HPLC): 82.71%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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