

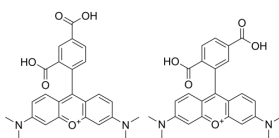
## (5)6-Carboxytetramethylrhodamine

Cat. No.: HY-D0934  
CAS No.: 117557-83-2  
Batch No.: 278390  
Chemical Name: Xanthylium, 9-[2,4(or 2,5)-dicarboxyphenyl]-3,6-bis(dimethylamino)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{25}H_{23}N_2O_5^+$   
Molecular Weight: 431.46  
Storage: -20°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Gray to dark gray (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.29%  
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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