

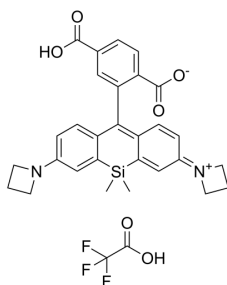
## Janelia Fluor® 646 (TFA)

Cat. No.: HY-131028  
 Batch No.: 287799  
 Chemical Name: 2-(3-(Azetidin-1-ium-1-ylidene)-7-(azetidin-1-yl)-5,5-dimethyl-3,5-dihydrodibenzo[b,e]silen-10-yl)-4-carboxybenzoate compound with 2,2,2-trifluoroacetic acid (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{31}H_{29}F_3N_2O_6Si$   
 Molecular Weight: 610.65  
 Storage: -20°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: Blue to dark blue (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (NMR):  $\geq 95.0\%$   
 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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