

## Vari Fluor 647A Carboxylic acid free acid

Cat. No.:	HY-D1823
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### BIOLOGICAL ACTIVITY

#### Description

Vari Fluor 647A Carboxylic acid (VF 647A Carboxylic acid) free acid is a carboxylic acid derivative of Vari Fluor. Vari Fluor carboxylic acid derivatives are unactivated labeled fluorescent dyes for protein, antibody, and polysaccharide labeling that require carboxylic acid activation for use<sup>[1]</sup>.

### REFERENCES

[1]. Yuan L, et al. A unique class of near-infrared functional fluorescent dyes with carboxylic-acid-modulated fluorescence ON/OFF switching: rational design, synthesis, optical properties, theoretical calculations, and applications for fluorescence imaging in living animals. J Am Chem Soc. 2012 Jan 18;134(2):1200-11.

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

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