

## Vari Fluor 488 Carboxylic acid free acid

Cat. No.:	HY-D1824		
Target:	Fluorescent Dye		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

### BIOLOGICAL ACTIVITY

#### Description

Vari Fluor 488 Carboxylic acid (VF 488 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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