

## Vari Fluor 640 Carboxylic acid free acid

<b>Cat. No.:</b>	HY-D1828
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Vari Fluor 640 Carboxylic acid (VF 640 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA