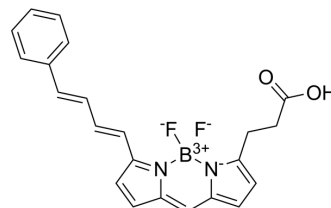


## BDP 581/591 carboxylic acid

Cat. No.:	HY-D1656
CAS No.:	480999-04-0
Molecular Formula:	C <sub>22</sub> H <sub>19</sub> BF <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	392.21
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

BDP 581/591 carboxylic acid is a fluorescent dye (Ex=585 nm, Em=594 nm). BDP 581/591 carboxylic acid has a free carboxylic acid group, which can be catalyzed by a catalyst (such as EDC or HATU) to react with primary amines to form stable amide bonds. BDP 581/591 carboxylic acid is highly photostable and can be used for ROS detection.

**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