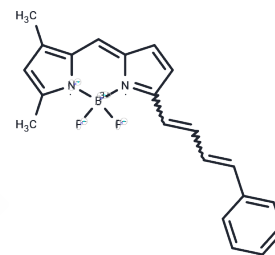


## PBD-BODIPY

## Chemical Properties

CAS No. :	148185-52-8
Formula:	C <sub>21</sub> H <sub>19</sub> BF <sub>2</sub> N <sub>2</sub>
Molecular Weight:	348.2
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	PBD-BODIPY is a probe for the spectrophotometric measurement of autoxidation reactions. Co-autoxidation of the PBD-BODIPY signal carrier and a hydrocarbon co-substrate can be quantified by monitoring the loss of absorbance at 591 nm. PBD-BODIPY has been used to measure the activity of radical-trapping antioxidants in cell-free assays and as a fluorescent probe for the detection of epoxidation activity.
Targets(IC50)	Others

## Solubility Information

Solubility	Benzene: 1 mg/mL (2.87 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8719 mL	14.3596 mL	28.7191 mL
5 mM	0.5744 mL	2.8719 mL	5.7438 mL
10 mM	0.2872 mL	1.436 mL	2.8719 mL
50 mM	0.0574 mL	0.2872 mL	0.5744 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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