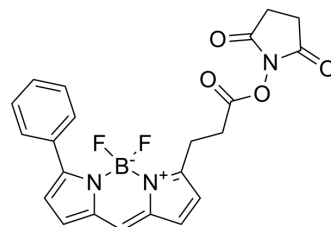


## BDP R6G NHS ester

Cat. No.:	HY-D1906
CAS No.:	1443457-59-7
Molecular Formula:	C <sub>22</sub> H <sub>18</sub> BF <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	437.2
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (114.36 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2873 mL	11.4364 mL	22.8728 mL
	5 mM	0.4575 mL	2.2873 mL	4.5746 mL
	10 mM	0.2287 mL	1.1436 mL	2.2873 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

CellTracker Green BODIPY (compound 31) is a green fluorescent dye that acts as an intracellular environmental tracer<sup>[1]</sup>.

### REFERENCES

[1]. Frantz MC, et al. Synthesis of analogs of the radiation mitigator JP4-039 and visualization of BODIPY derivatives in mitochondria. *Org Biomol Chem*. 2013 Jul 7;11(25):4147-53.

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

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