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**Product Data Sheet**

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Product Name: BDY FL, SE

Cat. No.: GC50170

**Chemical Properties**

Cas. No. 146616-66-2

SMILES CC(C=C1C)=C2N1[B-](F)(F)[N+]3=C(CCC(ON4C(CCC4=O)=O)=O)C=CC3=C2Formula  $C_{18}H_{18}BF_2N_3O_4$  M.Wt 389.16

Solubility DMSO : 125 mg/mL (321.20 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Fluorescent BDY (BODIPY® or boron-dipyrromethene) dye for the labeling of amines. Excitation maximum ~ 502 nm; emission maximum ~ 510 nm. BODIPY® is a registered trademark of Molecular Probes.

Kubohara et al (2013) Mitochondria are the target organelle of differentiation-inducing factor-3, an anti-tumor agent isolated from Dictyostelium discoideum. PLoS ONE 8 e72118 PMID:23977224

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

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