
Product Data Sheet

Product Name: BDY 650-X, SE

Cat. No.: GC50173

Chemical Properties

Cas. No. 235439-04-0

SMILES F[B-]1(F)[N+]2=C(C=CC2=CC3=CC=C(C4=CC=CN4)N13)/C=C/C5=CC=C(OCC(NCCCCC(ON6C(CCC6=O)=O)=O)=O)C=C5

Formula C33H32BF2N5O6

M.Wt

643.44

Solubility Soluble in DMSO

Storage

Store at -20°C

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

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

Structure **Background**

Fluorescent BDY (BODIPY® or boron-dipyrromethene) dye for the labeling of amines. Excitation maximum ~ 646 nm; emission maximum ~ 660 nm. This product is predominantly the E isomer with <10% Z isomer present. BODIPY® is a registered trademark of Molecular Probes.

Yang et al (2013) A dendritic single-molecule fluorescent probe that is monovalent, photostable and minimally blinking. Nat.Chem. 5 692 PMID:23881501

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

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