

Product Data Sheet

Product Name: BDP 581/591 alkyne

Cat. No.: GC59050

Chemical Properties

Cas. No. 2006345-34-0

Formula $C_{25}H_{22}N_3BF_2O$

M.Wt 429.27

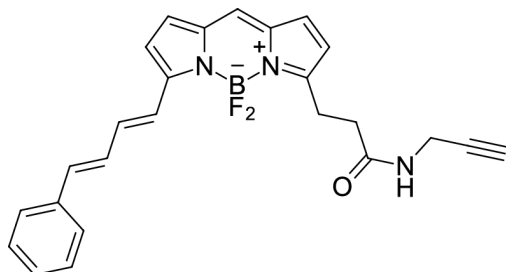
Solubility good in DCM, DMF, DMSO

Storage Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

BDP 581/591 is a borondipyrromethene fluorophore that is moderately hydrophobic. It is useful for fluorescence polarization assays, and microscopy. Due to its significant two-photon absorption cross-section, the dye is also useful for two-photon experiments.

This is a terminal alkyne for copper-catalyzed Click chemistry.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA