

Product Data Sheet

Product Name: BDP FL alkyne

Cat. No.: GC59019

Chemical Properties

Cas. No. 302795-84-2,2006345-30-6

Formula $C_{17}H_{18}BF_2N_3O$ M.Wt 329.15

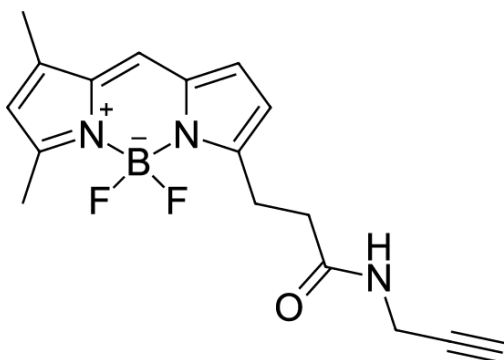
Solubility Good in organic solvents (DMF, DMSO, dichloromethane), limited in water

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

Alkyne derivative of BDP FL, an analog of BODIPY® FL alkyne. BDP FL is a borondipyrromethene dye, a bright and photostable fluorophore which emits in the fluorescein (FAM) channel. Unlike FAM, BDP FL is very photostable. Its brightness is similar to fluorescein.

This alkyne can be conjugated with a number of azide-containing molecules by copper-catalyzed Click Chemistry.

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

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