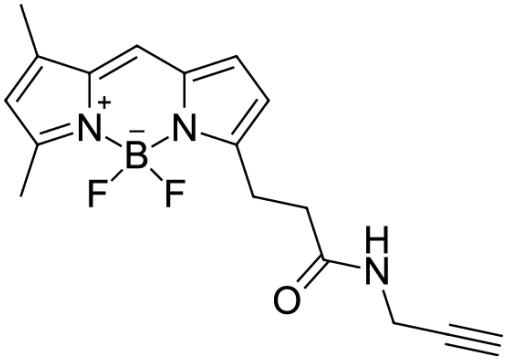
Product Data Sheet

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, dichlromethane), limited in water	Storage	Storage: 24 months after receival 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 size: 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 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.