

Product Data Sheet

Product Name: BDP R6G hydrazide

Cat. No.: GC59034

Chemical Properties

Cas. No.

Formula $C_{18}H_{18}N_4BClF_2O$

M.Wt 390.62

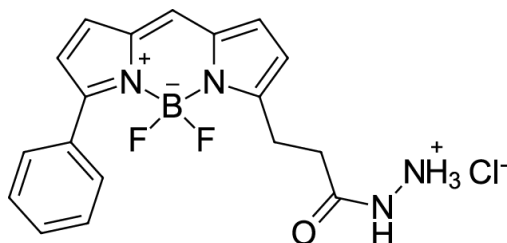
Solubility good in DMF, DMSO

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 R6G is a borondipyrromethene dye whose absorption and emission spectra resemble those of R6G (rhodamine 6G). This hydrazide is a carbonyl-reactive compound that is useful for the labeling of aldehydes, ketones, and most carbohydrates (oxidized with periodate).

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

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