

Product Data Sheet

Product Name: Basic Red 46

Cat. No.: GC74205

Chemical Properties

Cas. No. 12221-69-1

Formula $C_{18}H_{21}BrN_6$

M.Wt 401.3

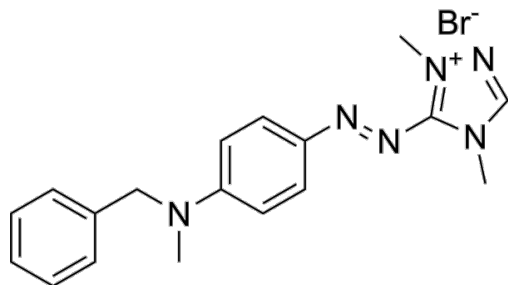
Solubility DMSO : 1 mg/mL (2.49 mM;
ultrasonic and warming and heat to
60°C)

Storage 4°C, sealed storage, away from
moisture and light

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

Basic Red 46 is an alkaline dye that can be removed from aqueous solutions in intermittent adsorption systems using tree ferns as biosorbents.

References:

[1]. Ho Y S, Chiang T H, Hsueh Y M. Removal of basic dye from aqueous solution using tree fern as a biosorbent[J]. Process Biochemistry, 2005, 40(1): 119-124.

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

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