

Product Data Sheet

Product Name: DCAF
Cat. No.: GC71557

Chemical Properties

Cas. No. 40114-84-9

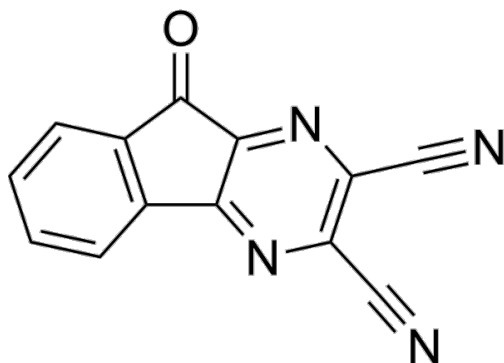
Formula $C_{13}H_4N_4O$ M.Wt 232.2

Solubility DMSO : 51.5 mg/mL (221.79 mM); Storage -20°C
Need ultrasonic and warming;
Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

DCAF is an electron-deficient azaacene and acts as an electron injection material for organic light-emitting diodes.

References:

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

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[1]. Bing Yang, et al. Green-synthesized, low-cost tetracyanodiazafluorene (TCAF) as electron injection material for organic light-emitting diodes. November 2019, Pages 1969-1973. Chinese Chemical Letters Communication. Chinese Chemical Letters. Volume 30, Issue 11

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