
Product Data Sheet

Product Name: 3-(1-Cyanoethyl)benzoic acid

Cat. No.: GC62787

Chemical Properties

Cas. No. 5537-71-3

Formula C₁₀H₉NO₂

M.Wt 175.18

Solubility DMSO : 100 mg/mL (570.84 mM; Need ultrasonic) Storage Store at -20°C

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**

3-(1-Cyanoethyl)benzoic acid (DF2107Y) is a benzoic acid that can be used to screen cobalt containing nitrile hydratases (NHases)[1].

[1]. S van Pelt, et al. Probing the enantioselectivity of a diverse group of purified cobalt-centred nitrile hydratases. Org Biomol Chem. 2011 Apr 21;9(8):3011-9.

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

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