

Product Data Sheet

Product Name: Metformin hydroxy analog 2

Cat. No.: GC49879

Chemical Properties

Cas. No. 98026-16-5

SMILES O=C(NC(N(C)C)=N)N

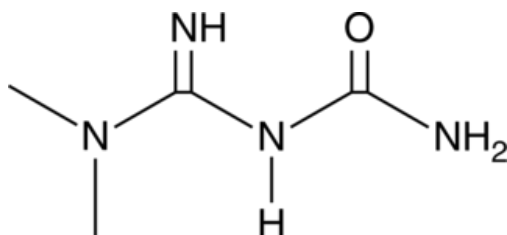
Formula C4H10N4O M.Wt 130.1

Solubility DMF: 10 mg/mL, DMSO: Storage -20°C
soluble, Ethanol: Slightly soluble, PBS
(pH 7.2): 0.09 mg/mL

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

Metformin hydroxy analog 2 is an oxidation product of the biguanide metformin . ¹

1. Gholivand, M.B., and Mohammadi-Behzad, L. Differential pulse voltammetric determination of metformin using copper-loaded activated charcoal modified electrode. *Anal. Biochem.* 38(1)53-60(2013)

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

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