
Product Data Sheet

Product Name: Nemonoxacin

Cat. No.: GC69547

Chemical Properties

Cas. No. 378746-64-6

Formula C₂₀H₂₅N₃O₄

M.Wt 371.43

Solubility DMSO : 2 mg/mL (5.38 mM; ultrasonic and warming and heat to 60°C)

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**

Nemonoxacin (TG-873870) is an orally active and potent broad-spectrum

[1]. Adam HJ, et al. In vitro activity of nemonoxacin, a novel nonfluorinated quinolone, against 2,440 clinical isolates. *Antimicrob Agents Chemother.* 2009 Nov;53(11):4915-20.

[2]. Li CR, et al. In vivo antibacterial activity of nemonoxacin, a novel non-fluorinated quinolone. *J Antimicrob Chemother.* 2010 Nov;65(11):2411-5.

[3]. Lauderdale TL, et al. Comparative in vitro activities of nemonoxacin (TG-873870), a novel nonfluorinated quinolone, and other quinolones against clinical isolates. *Antimicrob Agents Chemother.* 2010 Mar;54(3):1338-42.

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

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