

Product Data Sheet

Product Name: MLS000545091

Cat. No.: GC70448

Chemical Properties

Cas. No. 322666-76-2

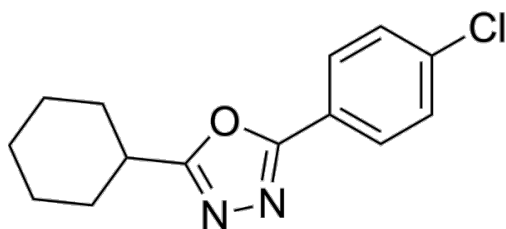
Formula $C_{14}H_{15}ClN_2O$ M.Wt 262.73

Solubility DMSO : 20.83 mg/mL (79.28 mM); ultrasonic and warming and heat to 60°C; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO) Storage -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

MLS000545091 is a potent and selective lipoxygenase-2 (LOX-2) inhibitor with an IC50 value of 2.6

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

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μM for h15-LOX-2.

References:

[1]. Tsai WC, et, al. Kinetic and structural investigations of novel inhibitors of human epithelial 15-lipoxygenase-2. Bioorg Med Chem. 2021 Sep 15;46:116349.

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