

Product Data Sheet

Product Name: Desmethyl etoricoxib

Cat. No.: GC79364

Chemical Properties

Cas. No. 202409-31-2

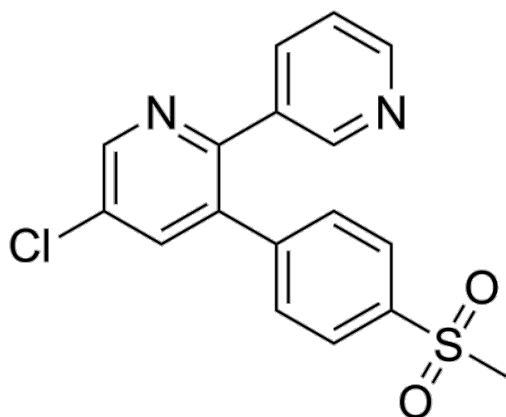
Formula $C_{17}H_{13}ClN_2O_2S$ M.Wt 344.82

Solubility DMSO: 125 mg/mL (362.51 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

Desmethyl etoricoxib (example 21) is a selective COX-2 inhibitor with an IC_{50} of 1 μ M in whole blood. Desmethyl etoricoxib inhibits COX-1 with an IC_{50} of 16 μ M in U937 cells. Desmethyl etoricoxib has anti-inflammatory effects [1].

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

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References:

[1]. Daniel Dube, et al. Substituted pyridines as selective cyclooxygenase-2 inhibitors.
WO9803484A1.

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