

## Product Data Sheet

Product Name: Desmethyl etoricoxib

Cat. No.: GC79364

### Chemical Properties

Cas. No. 202409-31-2

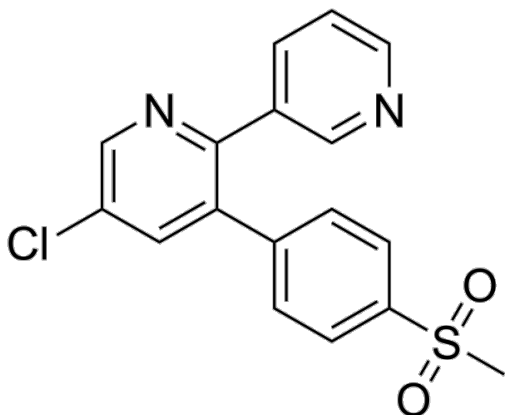
Formula  $C_{17}H_{13}ClN_2O_2S$  M.Wt 344.82

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  $\mu$ M in whole blood. Desmethyl etoricoxib inhibits COX-1 with an  $IC_{50}$  of 16  $\mu$ 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.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

## Product Data Sheet

---

### References:

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

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

***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: [tech@glpbio.com](mailto:tech@glpbio.com)***

***Address: 10292 Central Ave. #205, Montclair, CA, USA***